1872

Contents on Page 2.

1873

50463

2	30	2292.24	60.00	1	30	0.57	120.00	15	00	385.58	74.82	11	15	5.43	179.78	12	00	385.10	37.41	9	37½	0.86	74.97
3	00	1910.57	75.00	2	15	0.66	149.99	17	30	333.20	89.62	15	45	5.48	179.43	17	30	329.09	44.94	7	52½	1.37	89.93
								20	00	295.04	104.27	21	00	8.20	208.80	20	00	288.90	52.39	10	30	2.06	104.85

Sta.

X Sections of Sink

June 23/11

1.

S/2 502 – 503+50

L. O. R

	-0.5	-3.9	-8.2	-17.0	-19.5	-12.7	-12.1	-9.3	-6.7	-4.2	-2.5	
	100.	110.	120.	130.	140.	150.	160.	170.	180.	190.	200.	
503+50			SW									
	1.5	3.0	3.6	5.5	5.9	6.7	9.9	18.6	22.5	22.8	23.4	24.6
	90	80.	70.	59.	50.	35.	26.	19.	7.		11.	29.
				SW								
	5.4	5.9	5.5	3.5	0.0	-5.5	-11.9	-19.5	-24.0	-24.5	-17.0	-8.5	-6.7	-1.6
	102.	110.	115	120.	130.	140.	150.	160.	170.	180.	185.	190	200.	210.
503	6.8	6.8	8.2	10.8	11.7	13.2	13.7	17.5	21.4	20.9	20.7	18.8	18.8	15.0	19.7
	96.	83.	72.	66.	57.	50.	26.	15.	9.		8.	12.	23.	32.	50.
	3.1	0.7	-4.7	-18.0	-19.8	-21.0	-21.0	-20.6	-21.0	-20.5	-11.0	-0.5	+2.0	
	110.	120.	130.	140.	150.	160.	170.	180.	190.	200.	210	215	220	
			SW.															
502+50	3.5	5.5	7.0	10.9	11.9	15.2	16.9	18.5	20.5	20.3	19.9	19.1	17.1	16.5	12.4	11.7	9.0	11.8	13.0
	100	89.	75.	60.	37.	15.	17.	10.	5.		5.	8.	12.	28	38.	47.	57.	76.	77.

	-1.5	-2.5	-3.5	-5.5	-7.2	-11.2	-16.8	-19.5	-20.5	-20.0	-17.2	-11.2	-12.0	-6.0	+2.0				
	90.	100.	110.	120.	130.	140.	150.	160.	170.	180.	190	200.	210.	220.	230				
502					SW														SW
	0.0	-1.9	-1.1	5.0	5.5	5.7	6.8	20.2	21.7	21.4	21.6	21.4	20.3	16.9	13.7	12.6	9.7	7.1	6.4	5.6
	80.	70.	60.	50.	47.	47.	41.	21.	16.	5.		5.	15.	21.	41.	50.	63.	72.	76.	80.

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Topography of Pump House Reclamation District No 744 37

(Final X sect. Book No 2)

1875

Sta:

Final Soundings in Dredger Cut on Left.

July 27/11 28/11

3.

Sta.																		
516	0.0	-3.0	-11.0	-14.0	-14.6	-17.0	-18.0	-17.2	-16.2	-14.0	-10.0	-7.5	-6.0	-5.1	-5.1	-4.2	-3.2	-0.8
	246.	245	240	235	230.	220.	220.	190	180.	170.	160.	150	140.	120.	110.	100.	95.	90.
515	+0.5	-2.7	-5.0	-5.5	-11.0	-13.5	-14.0	-13.5	-9.0	-10.0	-8.0	-7.2	-6.2	-5.1	-2.5	+1.0		
	260.	255	250.	240.	230.	220.	200	190.	180.	160.	140.	130.	110.	100.	95.	90.		
514	-0.5	-1.0	-3.0	-7.0	-3.0	-6.0	-11.0	-13.2	-14.0	-13.5	-11.0	-7.2	-5.0	-7.0	-5.2	-4.0	-1.0	
	255.	250.	245	240.	235.	230	220	200.	180	170.	160.	150.	140.	120.	110.	100.	95.	
513	Same as before	-1.1	-3.0	-4.0	-4.5	-7.4	-9.1	-9.2	-8.0	-11.3	-10.7	-12.2	-7.5	-5.0	-6.2	-3.7	-1.7	+3.0
		280.	260.	255	250.	240	220.	200.	190.	180.	170.	150.	130	120.	110.	100	95	90.
512.	+3.0	-0.5	-5.7	-9.0	-10.5	-11.2	-8.0	-11.0	-12.4	-6.5	-5.0	-4.5	-6.0	-6.7	-5.8	-4.5	-2.7	+0.2 +3.0
	247	245.	235.	230	220.	210.	200.	190.	180.	170.	150.	140.	130	120.	110.	100.	95.	90. 86.
511	+4.2	+3.0	-2.9	-6.9	-7.9	-10.9	-10.0	-8.9	-9.4	-12.9	-13.6	-13.6	-9.9	-8.9	-5.4	-3.9	-1.4	+3.0
	253.	253	250	245.	240.	230.	220.	210.	200.	190.	180.	160.	150.	130.	110.	100.	95.	89.5
510	+4.6	+3.0	-1.9	-7.0	-9.0	-10.9	-10.4	-9.4	-11.9	-14.6	-13.2	-13.2	-11.5	-8.7	-6.1	-5.9	-4.9	-2.4 +0.9 +3.1
	254.	253.	250.	245.	240.	230.	220.	210.	200.	190.	180.	160.	140.	130.	120.	110.	100.	95 90. 88.5
509	5.2	-1.0	-4.9	-5.9	-10.9	-12.9	-11.9	-11.9	-9.1	-8.9	-8.9	-7.4	-6.4	-5.9	-4.5	-2.5	3.1	
	232.	230	227.	225	220.	215.	190.	170.	160.	140.	130.	123.	110.	100.	95	90.	84	
508	+5.0	+1.5	-4.0	-5.7	-3.5	-2.0	-9.5	-11.2	-11.2	-14.1	-15.5	-9.8	-6.5	-7.0	-6.0	-3.8	-1.0	-3.0
	254.	250.	245.	240.	235	230.	220.	200.	190.	170.	150.	140.	130.	110.	100.	95.	90.	89.
507	+5.0	+1.5	-1.5	-5.5	-8.0	-9.5	-9.0	-12.0	-13.4	-13.5	-15.0	-18.0	-15.0	-8.7	-6.0	-5.7	-5.5	-3.1 +0.5 3.0
	260.	259.	245.	240	235.	225.	220.	210.	200	190.	170.	150.	140.	130.	110.	100.	95	90. 85 82
506	+3.0	+4.6																
	251.	251.																
	-2.5	-9.0	-10.5	-11.0	-12.5	-13.5	-10.5	-14.5	-17.5	-18.3	-16.1	-10.9	-6.0	-5.5	-5.5	-4.5	-5.8	-4.0 -1.0
	248.	240.	235	230	220.	215	210	200.	190	180.	170.	160.	150.	130.	120.	110.	100.	95. 90
505	+2.3	-3.0	-2.5	-4.8	-9.0	-8.5	-11.5	-18.5	-21.0	-21.5	-23.5	-15.0	-7.5	-5.6	-6.0	-3.5	-0.8	
	249.	245.	235	225	220	215.	210.	205.	200.	190.	180.	160.	140.	130.	100	90.	85.	
504.	+1.5	-1.5	-1.8	-8.5	-8.2	-10.0	-12.0	-12.8	-16.1	-12.6	-6.8	-5.2	-4.8	-2.8	00	1.4	3.0	
	230.	230.	228	220	210.	200.	190.	180.	170.	150.	130.	110.	90	80.	70.	65.	59.	

Final Borrowpit Cross Sections continued from Final X Section Book No 1, page 17. Embankment X Sections found in Final X Section Book No 2, page 46.

S/2i

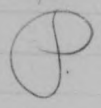
Final Soundings in Dredger Cut on Theft. July 29/11 4.

529
-13.0 -15.2 -15.7 -18.2 -20.2 -21.0 -18.4 -17.2 -7.2 -7.7 -7.4 -4.4 -2.3 -0.2
280. 260. 240 220. 200. 180. 160. 150. 140 120. 100. 95. 90. 85

528
-13.2 -13.4 -16.7 -25.4 -25.4 -23.9 -21.6 -21.2 -16.1 -11.3 -7.2 -8.2 -6.5 -4.9 -2.2
270 260. 250 240. 220. 200. 180. 170. 160. 150 130. 110. 100. 95. 90

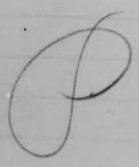
527.
-6.2 -4.4 -9.2 -10.2 -13.7 -16.7 -22.0 -21.2 -21.7 -19.7 -18.7 -17.7 -9.2 -7.6 -4.7 -6.7 -4.7 0.0
290. 280. 275. 270. 265. 260. 250. 240 220. 200 180. 170. 160. 150. 130. 110. 100 95.

526
-1.7 -3.7 -6.4 -5.2 -10.5 -11.4 -19.4 -21.3 -20.4 -21.2 -21.3 -21.3 -20.2 -18.6 -11.3 -9.2 -7.7 -7.1 -5.0 -1.9 +0.8
275. 270. 265 260. 255. 250 245. 240. 230 220 210. 200. 190. 170. 150. 130. 110. 100. 95. 90. 85.

525

-0.2 -9.2 -13.5 -13.7 -19.0 -19.2 -19.7 -17.2 -18.7 -11.2 -7.2 -6.4 -5.0 -6.4 -6.8 -5.7 -2.7 +2.1
245 240. 235. 230. 220. 210. 200. 190. 180 160. 140. 130. 120. 100. 95. 90. 85 80

524.
+2.1 -0.2 -1.6 -2.2 -8.6 -12.7 -15.2 -13.2 -19.0 -14.9 -12.2 -9.3 -5.7 -5.7 -6.7 -6.7 -6.9 -5.2 -3.2 +2.1
241. 240 235. 230. 225. 220. 210. 200. 190. 180. 170. 160. 150 140. 120. 100. 90. 85. 80. 75

523
+2.8 -0.2 -4.7 -11.7 -12.2 -9.2 -16.6 -18.2 -18.8 -16.6 -13.5 -9.6 -8.7 -7.2 -6.2 -5.6 -2.7 +1.8
240 240. 235. 230. 225 220. 210. 200. 190. 180. 160. 150. 140. 120. 100. 90. 85. 80.

522

+1.8 -5.7 -9.2 -11.7 -13.6 -16.3 -18.2 -19.8 -19.7 -11.7 -8.2 -6.7 -6.2 -5.2 -5.7 -3.6
243. 240. 235. 230. 220. 210. 200. 190. 180 160. 140. 120. 110. 100. 90. 85.

521
+1.3 -6.2 -7.5 -15.7 -17.2 -17.8 -15.4 -15.0 -12.2 -9.7 -9.2 -9.2 -9.5 -7.4 -6.2 -3.2 0.0
245. 240. 230. 220. 210. 200. 190. 180. 170. 160. 150. 130. 110. 100. 90. 85. 80.

520
+1.6 -4.8 -8.7 -11.2 -17.7 -17.6 -18.6 -18.7 -18.7 -13.7 -6.2 -8.8 -8.2 -7.4 -6.2 -1.7
245. 240. 235. 230. 220. 210. 200. 190. 180. 160. 140. 120. 110. 100. 90. 85.

519
-0.7 -5.4 -14.2 -15.5 -14.5 -15.4 -13.2 -10.7 -12.0 -9.6 -5.7 -5.5 -6.2 -6.7 -4.4 +1.0
245. 240. 230. 220. 210. 200. 190. 180. 170. 160. 150. 130. 110. 100. 90. 85.

518
0.0 -4.0 -12.0 -19.0 -15.0 -21.0 -21.0 -20.1 -15.0 -9.8 -9.7 -7.5 -5.1 -5.0 -2.0
250. 245. 240. 230. 220. 210. 200. 190. 180. 160. 140. 120. 100. 95. 90

517
+3.0 -1.0 -4.0 -6.0 -6.5 -12.0 -17.0 -12.0 -17.0 -14.0 -11.5 -8.4 -7.2 -7.0 -6.4 -5.5 -5.0 -2.5
246 244. 240. 230. 225. 220. 210. 200. 190. 180. 170. 160. 140. 120. 110. 100. 95 90.

1877

Sta:

Final Soundings in Dredger Cut.

July 29/11 5.

On Left.

543. -1.1 -3.8 -5.9 -6.3 -12.9 -13.0 -21.8 -21.8 -23.8 -12.0 -12.5 -10.0 -6.3 -6.3 -4.8 -5.8 -5.8 -3.8
290. 280. 270. 260 250. 240. 230. 220. 210. 200. 180. 170. 160 150. 130. 110. 100. 95.

542 +1.8 -2.3 -2.7 -5.8 -7.8 -12.8 -16.8 -19.8 -22.8 -21.8 -17.5 -13.8 -13.5 -8.7 -6.2 -5.3 -5.3 -5.9 -5.0 -3.2
300 295. 290. 280. 260. 250. 240. 230. 220. 200. 180. 170 160. 150. 140. 120. 110. 100. 95. 90

541 -9.1 -12.8 -18.8 -18.8 -21.8 -26.5 -22.8 -21.0 -16.9 -13.2 -7.2 -5.8 -5.3 -5.0 -4.3
260. 250. 240. 230. 220. 200. 180. 170. 160. 150. 140. 120. 110. 100. 95.

540 -9.3 -10.3 -20.3 -17.3 -21.3 -26.1 -24.6 -20.9 -14.9 -11.5 -7.3 -8.6 -7.7 -7.5 -6.3 -4.3 +1.7
260. 250. 240. 230. 220. 200. 190. 180. 170. 160. 140. 120. 100. 95. 90. 85. 80.

539 -8.8 -10.4 -13.8 -21.8 -18.7 -24.3 -26.3 26.8 -17.3 -11.3 -5.3 -7.3 -7.3 -9.8 -7.7 -6.9 -2.8 +0.2
270. 260 250. 240. 230. 220. 200. 190. 180. 170. 160. 150. 140. 120. 100. 95. 90. 85

538 -10.2 -13.3 -18.8 -22.3 24.3 -21.3 -21.3 -19.8 -14.3 -13.2 -9.3 -7.5 -7.3 -7.3 -6.1 -5.0 -0.8
260. 250. 240. 230. 210. 200. 190. 180 170. 160. 150. 140. 130. 100. 95. 90. 85

537 -11.9 -12.3 -18.8 -21.8 -26.1 -25.3 -22.3 -19.3 -15.7 -16.6 -6.7 -5.8 -6.8 -6.8 -6.6 -6.3 -3.3
260. 250 240. 230. 220. 210. 190. 180. 170. 160. 150. 140. 120. 100. 95. 90. 85.

536 -10.5 -11.9 -12.5 -13.9 -21.3 -24.3 23.8 -17.3 -16.5 -13.8 -7.5 -6.2 -7.3 -7.3 -5.4 -2.9 +0.7
280. 260. 250 240. 230. 220. 200. 180. 160. 150 140. 120. 100. 90. 85. 80. 75.

535 -13.0 -14.3 -24.8 -27.3 -25.3 -19.8 -16.7 -13.3 -7.8 -6.7 -6.1 -6.1 -6.1 -5.3 -2.9 +1.7
250 240 230. 210 190. 180. 170. 160. 150. 140. 120. 100. 90. 85. 80. 75

July 31/11

534 -12.1 -13.7 -18.2 -24.6 -25.4 -22.2 -18.7 -18.7 -9.7 -8.0 -7.2 -6.6 -7.2 -5.0 -2.2
260. 250. 240. 230. 210. 190. 170. 160. 150. 140. 120 100. 90. 85. 80.

July 29/11

533. -11.2 -13.2 -17.7 -22.4 -23.4 -18.5 -16.6 -14.7 -8.6 -7.2 -7.6 -7.8 -4.6 -2.2
260. 250 240. 230. 200. 180. 160. 150. 140. 120. 100. 90. 85. 80.

532. -9.2 -11.0 -11.7 -17.2 -22.9 -21.1 -20.7 -19.0 -18.0 -10.2 -8.2 -8.2 -12.0 -7.5 -4.9 -0.4
270. 260. 250. 240. 220. 200. 180. 170. 160 150. 140 120. 100 90. 85. 80.

531. -12.4 -13.2 -21.7 -27.4 -26.5 -26.4 -22.5 -17.7 -10.3 -8.2 -8.1 -6.2 -3.2
260. 250 240. 220. 200. 180. 160. 150. 140. 120. 100. 90. 85

530 -12.2 -14.4 -20.2 -24.3 -25.9 -26.4 -23.0 20.5 -17.7 -14.2 -14.2 10.7 -6.2 -8.2 -6.8 -6.5 -4.5 -0.4
270. 260 250. 240. 230. 220. 210. 200. 190. 180. 170. 160. 140. 120. 100. 95. 90. 85.

1878

Final Soundings in Dodger Cut ON LEFT.

aug 1/0 - 4/0

554	-0.2	-2.9	-7.9	-14.1	-9.4	-12.4	-12.9	-15.0	-15.5	-15.5	-11.1	-10.9	-7.9	-7.4	-6.4	-5.3	-5.0	-3.3				
	290.	280	270.	260	250.	240.	230.	220.	210.	200.	190.	180.	170.	150.	140.	130.	120.	110.				
553.	+0.6	-0.2	-4.3	-11.9	-13.4	-16.3	-14.4	-11.3	-10.5	-10.6	-11.6	-9.1	-9.0	-6.4	-8.4	-8.1	-6.0	-3.4	-3.1			
	310.	305.	300	295	290.	280.	270.	260.	250	240	230	210.	200.	190.	180.	170.	150.	140.	135.			
552	+1.5	0.0	-1.9	-2.9	-5.7	-9.9	-15.4	-18.1	-23.1	-23.9	-25.0	-23.1	-21.4	-16.1	-18.1	-13.0	-8.1	-6.0	-6.0	-5.3	-3.7	+0.2
	327	325	315.	300.	290.	280.	270.	260.	250.	240.	230.	220.	210	200.	190.	180.	170.	160.	140.	130.	125.	120.
551	+3.0	-2.4	-4.1	-4.4	-5.9	-8.8	-9.9	-9.9	-14.0	-15.4	-16.4	-19.7	-17.6	-13.1	-8.2	-6.7	-6.0	-6.3	-3.4			
	287.	285	280	275.	270.	250.	240.	230.	220.	200.	190.	170.	160	150.	140.	120.	115	110.	105.			
	+2.0	+2.2	+3.5																			
	280	284	285																			
550 +56.4	-3.9	-3.0	-4.9	-4.4	-7.9	-7.0	-12.2	-12.9	-18.0	-13.9	-14.4	-15.0	-14.4	-11.0	-9.0	-7.0	-6.9	-6.0	-2.9			
	270	260	255	250.	240.	230.	220.	210.	200.	190.	180.	170.	160	150.	140	130	110.	100.	95			
549 +96.4	0.0	-5.4	-8.2	-9.9	-11.7	-12.9	-13.2	-15.7	-19.2	-18.4	-16.1	-13.4	-9.5	-9.0	-6.9	-6.1	-3.4	+0.7				
	260.	250	245	240	230.	220.	200.	190.	180.	170.	160.	150.	140.	130	120	100.	95	90.				
549 +36.4	+1.2	-4.0	-8.7	-12.5	-12.4	-14.0	-16.3	-17.0	-18.0	-16.6	-16.0	-12.9	-11.9	-10.3	-6.4	-6.3	-4.4					
	255.	250.	240.	230.	220.	210.	200.	190.	180.	170.	160.	150.	140.	130.	110.	100.	95					
548 +76.4	-0.6	-4.9	-9.9	-11.4	-12.3	-12.2	-13.9	-14.8	-15.4	-18.1	-19.2	-16.9	-9.4	-7.9	-9.5	-6.4	-2.0	-0.1				
	256	250.	245.	240.	230.	220.	210.	200.	190.	180.	170.	150.	140.	130.	120.	100	95.	90.				
548	-1.3	-3.4	-7.9	-9.8	-11.0	-12.4	-12.9	-12.7	-18.0	-18.6	-16.0	-15.0	-12.0	-9.9	-9.9	-5.9	-4.9	-3.1				
	260.	255.	250.	240.	230.	220.	210.	200.	190.	180.	170	160.	150.	140.	130.	110.	100.	95				
547	+1.7	-3.3	-4.6	-7.9	-9.4	-11.4	-15.6	-14.7	-14.4	-17.1	-16.6	-17.6	-16.0	-14.4	-6.2	-5.4	-6.0	-3.4				
	260.	258	255	250	240	230.	220.	200.	190.	180.	170	160.	150	140.	130.	120.	100.	95.				
546	-2.3	-4.4	-4.9	-11.4	-12.9	-14.9	-18.4	-19.7	-17.0	-14.9	-7.3	-7.3	-6.7	-7.9	-6.9	-6.9	-5.4	-3.4				
	270.	260.	250	240.	230.	210.	200.	190.	180.	170.	160.	150.	140.	130.	120.	110.	100.	95				
545	+1.6	-3.6	-9.9	-16.6	-18.3	-20.7	-22.4	-27.9	-21.0	-15.9	-15.5	-12.9	-8.9	-5.9	-6.9	-6.4	-4.2	-0.7				
	260.	255.	250.	240.	230.	220.	210.	200.	190.	180.	170.	160.	150.	130.	110.	100.	95.	90.				
544.	-2.1	-2.8	-7.8	-15.6	-17.2	-22.0	-25.8	-18.2	-14.9	-4.8	-8.2	-4.8	-5.8	-5.9	-3.7	0.0						
	270.	260	250	245	240.	230.	200.	180.	170.	160.	150.	130.	110.	100.	90.	85						

S/8

FINAL SOUNDINGS on Dredger Cut ON LEFT

Aug 4/11 9/10 7.

565	+3.0	-1.7	-2.3	-5.3	-5.2	-3.3	-13.8	-19.8	-22.5	-24.8	-19.1	-14.0	-9.0	-9.0	-8.4	-8.0	-5.5	-4.7	-1.8			
	265.	260.	255.	250	240.	230	220.	210.	200.	190.	180.	170.	160	140.	120.	110.	100.	90.	85.			
	-1.2	+2.6																				
	265	268																				
564	-4.8	-1.3	-4.5	-7.8	-10.4	-17.3	-21.1	-24.8	-24.0	-23.8	-15.8	-10.8	-9.3	-7.8	-6.8	-6.9	-6.3	-4.0	-0.8			
	260	255	240.	230.	220.	210.	200.	190.	180.	170.	160.	150.	130.	120	110.	100.	90.	85.	80.			
563.	+2.5	0.0	-3.8	-4.8	-6.8	-7.8	-11.3	-15.0	-17.2	-19.0	-18.3	-21.5	-22.0	-21.6	-15.8	-10.0	-8.5	-6.0	-3.3	-3.3		
	266.	265.	260	255.	250.	240.	230.	220.	210.	200.	190	180.	170.	160.	150.	140.	120.	100.	90.	85.		
562.	+1.9	-0.8	-2.3	-4.3	-6.0	-8.0	-14.3	-17.3	-18.3	-19.3	-18.6	-17.1	-9.3	-9.0	-9.8	-9.5	-5.8	-4.4	-2.3			
	265.	260.	255.	250.	240.	230.	220.	210.	200.	190.	180.	170.	160.	150.	140.	120.	100.	90.	85			
561.	+1.7	-3.8	-5.8	0.0	-5.0	-12.8	-15.3	-15.8	-16.8	-17.8	-18.3	-18.5	-15.3	-9.8	-8.8	-7.8	-6.0	-3.3				
	265.	260.	255	245	240.	230.	220	210.	200.	190.	180	160	140.	130.	120.	100.	90.	85				
560.	+3.0	0.0	-0.8	-3.8	-5.3	-7.3	-7.6	-10.3	15.0	-15.8	-16.8	-16.3	-15.8	-15.6	-11.8	-11.1	-9.0	-7.4	-5.0	-1.8		
	249.	248.	245.	240.	235	230.	220.	215	210.	200.	190.	180.	170.	160.	140.	120.	100.	90.	88.	80.		
559	+2.2	+2.2	-1.6	-3.3	-6.3	-9.3	-13.3	-14.4	-15.8	-15.8	-15.5	-13.9	-12.0	-11.4	-11.5	-8.9	-4.5	-1.3				
	240.	240	235	230.	225.	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	90.	80.	75				
558.	+2.4	0.0	-1.3	-2.4	-6.8	-11.3	-11.3	-12.3	-13.8	-12.7	-12.4	-11.9	-10.8	-8.7	-6.6	-4.5						
	240.	235	230.	220.	210.	200.	190	180.	170.	160.	140.	120.	100.	90.	80.	75.						
557+24.1	+6.3	+4.9	+2.2	+0.5	-4.8	-11.9	-16.4	-15.3	-14.0	-13.1	-13.2	-12.3	-10.8	-10.8	-11.8	-9.3	-6.9	-3.7				
	257.	257.	240.	235	230.	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	80.	75.	70.				
556+64.1	+6.5	+5.2	+4.0	+2.2	+1.0	-1.8	-6.8	-10.3	-13.9	-15.8	-14.2	-13.0	-10.8	-10.9	-10.8	-9.8	-8.8	-7.8	-8.3	-7.2	-6.0	
	250.	250.	240.	238	235	230.	225.	220	210.	200.	190.	180.	170.	160.	140.	120.	100.	90.	80.	75.	70.	
556+04.1	+6.4	+3.7	+2.2	0.0	-4.3	-11.8	-15.8	-14.6	-9.6	-9.0	-9.8	-8.4	-8.4	-7.7	-7.9	-6.1	-5.5	-4.0	-1.0			
	258.	255.	240	235.	230.	220.	210.	200.	190.	180.	170.	160.	150.	140.	120.	100.	80.	75.	70.			
555+44.1	+5.6	+3.9	+1.5	-2.9	-9.4	-14.0	-14.1	-13.3	-11.7	-11.4	-9.4	-9.0	-9.9	-8.0	-9.0	-6.1	+5.6	-4.1	-1.9			
	261.	261.	245.	240	230.	220.	200.	190.	180.	170.	160.	140.	130.	110.	100.	90.	85.	80.	75.			
	-0.4	0.0																				
	260.	270.																				
554+50	-1.3	-3.9	-9.0	-12.0	-16.0	-12.4	-15.1	-16.5	-16.0	-12.1	-10.1	-8.0	-8.4	-8.4	-7.4	-6.5	-4.9	-3.0				
	250	245	235.	230.	220.	210.	200.	190.	180.	170.	160.	150.	140.	130.	110.	100.	95.	90				

S/E

FINAL SOUNDINGS in DREDGER CUT ON LEFT.

Aug 9/11 11/11

8.

574+51.8 +1.4 +0.2 -6.8 -12.8 -15.8 -16.3 -22.8 -25.6 -22.0 -15.5 10.8 -8.8 -8.3 -11.0 -11.0 -5.4 -6.3 -6.0 -3.3
260. 250. 245. 240. 230 220. 210. 200. 190. 185. 180. 170. 160. 140. 120. 100. 90. 85. 80.

573+91.8 +2.2 -0.5 -2.8 -6.3 -10.8 -16.8 -15.3 -18.9 -20.8 -18.7 14.8 -12.8 -10.3 -10.8 -11.0 -9.3 -5.8 -4.4 -0.2
259. 255. 250. 240 235. 230. 220. 210. 200. 190. 180. 170. 160. 140. 120. 100. 90. 85. 80.

573 +2.2 -0.8 -5.6 -7.1 -14.8 -16.3 -17.3 -19.7 -20.0 -17.5 -13.0 -11.3 -9.3 -10.4 -11.0 -8.4 -6.1 -4.1 +0.5
255. 250. 245. 240. 235. 230. 220. 210. 200. 190. 180. 170. 160. 140. 120. 100. 90. 85. 80.

572 +3.4 +2.2 +0.7 -1.0 -5.8 -9.0 -11.3 -16.3 -20.2 -20.0 -16.5 -15.0 -12.2 -11.1 -9.8 -9.3 -11.4 -8.5 -6.9 -4.8 -1.3
257. 257. 255. 245. 240. 235. 230. 220 210. 200. 190. 180. 170. 160. 150. 140. 120. 100. 90. 85. 80

571. +4.0 +1.2 +1.2 -2.3 -5.3 -9.2 -9.8 -16.8 -20.3 -18.4 -14.8 -16.0 -10.9 -10.8 -11.1 -9.5 -7.0 -6.2 -4.0
245. 245. 240. 230. 225. 220. 210. 200. 190. 180. 170. 160. 150. 140. 120. 100. 90. 85. 80.

570 +4.2 +2.2 -1.3 -5.8 -7.3 -11.0 -17.4 -17.0 -18.8 -16.8 -15.4 -13.0 -9.8 -10.1 -10.3 -8.8 -7.3 -5.3 -3.9
243. 243. 240 235 230 220. 210. 200. 190. 180. 170. 160 150. 140. 120. 100 90. 85. 80.

569 +3.5 +0.4 -1.6 -6.8 -12.3 -17.8 -20.0 -18.0 -17.8 -17.8 -16.0 -11.3 -9.8 -10.0 -10.4 -6.8 -5.3 -2.8
243. 240 235. 230. 220. 210. 200. 190. 180. 170. 160. 150. 140. 120. 100. 90. 80. 75.

568. +3.6 +0.7 -0.5 -4.2 -4.6 -6.3 -13.3 -17.3 -24.8 -26.3 -22.1 -13.0 -11.0 -10.3 -9.8 -8.4 -6.5 -4.8 -1.8
252. 252 245. 240 230. 220. 210. 200. 190. 180. 170. 160. 140. 120. 110 100. 90. 80. 75.

-0.3 +2.9
255 258

567+04.6 -4.3 -6.0 -6.3 -5.8 -7.2 18.8 -25.5 -25.6 -25.8 -22.0 -10.8 -9.8 -9.8 -10.3 -8.5 -5.8 -5.8 -3.8
250 240. 230. 220. 215. 210. 200. 190. 180. 170. 160. 150. 140. 120. 100. 90. 85. 80.

0.0 +2.7
257. 257.

566+44.6 -1.8 -4.8 -3.8 -9.3 -17.3 25.8 -25.9 -26.8 -22.3 -19.3 -14.6 9.8 -9.8 -8.5 -6.8 -5.8 -4.3
250. 240. 230. 220. 210. 200. 190. 180. 170. 160. 150. 140. 120. 110. 100. 90. 85

566 -2.1 -2.8 -6.3 -4.8 -4.0 -8.3 -10.6 -18.8 -21.8 -22.8 -22.0 -21.3 -16.3 -10.0 -9.8 -6.8 -5.8 -3.3
255. 250 240. 230. 225. 220. 215 210. 200. 190. 180. 170. 160. 140. 120. 100. 90. 85.

-0.8 +2.6
260 261.

3/3: FINAL SOUNDINGS IN DREDGER CUT ON LEFT

Aug 11/11 9.

588	+1.8	-0.2	-6.2	-9.2	-11.7	-16.7	-18.7	-20.7	-20.7	-20.4	-13.6	-13.4	-11.7	-8.8	-8.0	-5.8	-2.4			
	247.	245	240.	235.	230.	220.	210.	200.	190.	180.	170	160.	140.	120.	100.	90.	85.			
587.	+3.0	+2.2	-0.3	-3.3	-7.8	-8.2	-14.0	-15.2	-12.8	-13.3	-15.0	-14.5	-14.6	-11.4	-10.0	-7.8	-7.3	-3.3		
	246.	246	245	240.	230.	225.	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	95.	90		
586.	+3.8	+2.2	+0.2	-3.3	-5.3	-10.3	-11.3	-11.3	-13.8	-14.3	-12.8	-12.6	-12.4	-11.8	-8.3	-6.9	-6.8	-5.8		
	247.	247.	245.	240.	235.	230.	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	95.	90		
585	+5.0	+2.2	-1.3	-0.6	-1.8	-7.3	-12.2	-11.5	-11.6	-15.3	-10.0	-8.3	-10.8	-11.8	-9.2	-6.5	-5.0	-3.0		
	257.	255	250.	240.	235.	230.	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	90.	85.		
584	+5.3	+2.2	-1.3	-1.8	-7.8	-9.3	-10.3	-13.0	-10.8	-11.8	-9.3	-11.5	-10.6	-9.8	-6.3	-5.1	-3.6			
	247.	246.	240.	235	230.	220.	210.	200.	190.	180	170	160.	140.	120.	100.	95.	90.			
583	+5.8	+2.2	+0.2	-3.2	-7.2	-10.3	-12.1	-12.0	-13.3	-17.3	-14.8	-14.5	-12.8	-8.3	-5.4	-5.0	-2.8			
	237.	235	233	230.	225.	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	95.	90.			
582	+6.6	+2.2	+0.7	+0.2	-3.0	-8.3	-9.8	-13.4	-11.8	-9.8	-7.2	-8.8	-9.5	-10.3	-5.7	-5.1	+3.8			
	244.	243.	240.	230	225.	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	95.	90.			
581	+6.3	+2.2	+0.2	-0.3	-0.3	-5.3	-11.2	-12.0	-13.3	-14.2	-12.3	-14.4	-11.3	-12.3	-11.4	-8.2	-7.3	-4.8		
	258.	256	250	240.	230.	225	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	95	90		
580	+5.2	+2.2	-0.6	-4.3	-5.3	-11.9	-14.1	-15.8	-16.8	-17.1	-17.0	-15.3	-12.0	-12.8	-10.8	-7.0	-6.8	-4.3		
	249.	248.	245.	240	235	230.	220.	210.	200	190.	180.	170.	160.	140.	120.	100.	95.	90.		
579	+2.9	+1.7	-4.6	-8.8	-12.8	-20.8	-20.7	-16.3	-18.2	-18.1	-13.5	-11.3	-9.8	-7.0	-4.8	-0.8				
	245.	244	240	230.	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	90.	85.				
578	+0.6	+0.4	-2.3	-6.8	-11.3	-12.8	-17.8	-19.0	-18.1	-14.0	-11.8	-10.1	-9.8	-9.1	-6.8	-5.3	-3.8			
	270.	260.	250.	240.	230.	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	90.	85			
577	0.0	-2.8	-5.3	-10.2	-14.8	-18.8	-19.0	-18.1	-14.2	-12.5	-7.8	-9.8	-10.4	-10.3	-6.5	-3.8	-1.5			
	260.	255	245	240.	230.	220.	210.	200.	190.	180	170	160.	140.	120.	100.	90.	85.			
576	+0.4	+0.2	-4.3	-6.8	-12.8	-17.2	-15.8	-18.0	-13.4	-12.5	-10.6	-8.3	-11.8	-11.8	-8.0	-6.5	-4.5	+0.2		
	260.	250	245.	240.	230.	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	90.	85	80.		
575	+1.5	+0.2	-1.8	-6.8	-13.8	-15.0	-17.5	-16.9	-16.0	-14.0	-10.3	-11.0	-11.4	-11.1	-8.8	-6.8	-5.3	-1.3		
	270.	255.	250	240.	230.	220.	210.	200.	190	180.	170	160.	140.	120.	100.	90.	85.	80.		

Sta.

FINAL SOUNDINGS IN DREDGER CUT ON LEFT

Sept 1/11

602	+3.9	-2.2	-4.2	-3.7	-6.4	-5.0	-7.2	-10.3	-11.2	-11.7	-10.7	-10.7	-9.6	-8.0	-5.2	-3.2	
	248.	245	235	230.	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	90.	85	
601	+2.3	-0.2	-1.7	-2.2	-6.2	-8.2	-12.2	-11.2	-10.7	-10.2	-9.7	-11.2	-11.9	-9.7	-6.7	-5.2	-3.2
	255.	255	245	240.	230.	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	90.	85
600	+1.1	-5.0	-5.2	-4.3	-6.2	-10.2	-15.7	-20.2	-20.7	-20.4	-17.5	-16.2	-14.2	-9.6	-7.2	-8.7	-7.8	-5.4	-3.2
	260.	255	250.	245.	240.	235.	230.	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	90.	85
599	+0.3	-2.7	-4.2	-6.2	-4.7	-13.2	-18.2	-18.9	-17.6	-15.4	-11.3	-9.2	-9.9	-10.2	-9.5	-7.4	-6.3	-0.7
	260.	250.	245	240.	235	230.	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	90.	85.
598	+0.1	-2.2	-8.2	-13.2	-11.8	-12.9	-15.2	-16.7	-9.7	-10.8	-9.2	-10.7	-10.7	-8.9	-5.7	-2.5	+0.8
	250.	245.	240.	230.	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	90	85.	81.
597	+3.2	+1.3	+0.3	-5.4	-12.5	-17.0	-18.5	-17.2	-15.5	-15.7	-13.5	-11.7	-11.7	-10.2	-8.8	-5.5	-1.5
	245	245	235.	230.	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	90.	85.	80
596	+3.0	+0.3	-5.5	-11.4	-16.2	-14.6	-13.2	-14.5	-10.4	-12.2	-10.9	-10.9	-7.3	-5.7	-3.8	+0.8	
	229.	229.	225.	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	90.	85.	80.	
595.	+3.3	+0.6	-0.2	-1.2	-2.2	-8.2	-11.5	-14.2	-12.7	-12.7	-12.9	-11.4	-10.2	-8.2	-6.2	-4.2	
	235.	235	230.	225	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	90.	85.	
594	+3.3	0.0	-0.2	-0.7	-4.2	-9.0	-11.6	-17.4	-16.7	-17.3	-13.8	-13.9	-9.7	-10.2	-9.4	-6.6	-2.7
	240.	240.	235.	230.	225.	220	210.	200.	190.	180.	170.	160.	140.	120.	100.	90.	85.
593	+2.1	-0.7	-11.7	-10.7	-15.9	-16.6	-17.2	-23.0	-20.3	-12.7	-11.5	-10.0	-8.2	-6.7	-4.2	-1.2	
	235.	235.	230.	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	90.	85.	80.	
592	+1.0	-0.2	-1.2	-8.7	-11.2	-15.6	-18.2	-20.5	-28.1	-21.7	-21.7	-19.7	-14.4	-11.3	-10.7	-6.7	-6.7	-3.9
	260.	250	240.	235.	230.	225.	220.	210.	200.	190.	180.	170.	160	140.	120.	100.	90.	85.
591	+1.7	-1.4	-2.7	-11.2	-7.7	-17.3	20.8	-22.4	-25.7	-22.7	-20.2	-20.2	-17.4	-11.7	-11.3	-10.4	-8.1	-5.2	-2.5
	260.	250.	245.	240.	235.	230.	225	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	90.	85
590	+1.7	-0.7	-4.7	-7.5	-11.2	-17.6	-17.1	-20.1	-16.6	17.2	-19.9	-18.0	-15.9	-10.2	-9.2	-8.4	-7.4	-4.7
	255.	250	245	240	235.	230	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	95.	90
589.	+1.6	-1.0	-4.5	-8.0	-13.2	-17.4	-20.2	-18.2	-20.0	-19.0	-13.2	-15.5	-15.2	-12.6	-7.7	-8.3	-8.4	-5.6
	260.	250	245.	240.	230.	225	220.	210.	200.	190.	180.	170.	160	140.	120.	100.	95.	90.

Sta:

FINAL SOUNDINGS IN DREDGER CUT ON LEFT

Sep 1/11
2/11

615	+2.4	+1.8	-0.2	-2.7	-8.7	-10.2	-14.4	18.7	-17.2	-17.8	-15.5	-12.2	-8.4	-8.2	-8.2	-9.7	-8.2	-6.4	-5.2	-2.2	+1.8
	326.	315	310.	290.	280.	270.	260.	250.	240.	230.	225.	220.	210.	200.	190.	180.	170.	160.	155.	150	147
614	+5.6	+1.8	-2.2	-5.7	-9.3	-6.7	-11.7	-18.2	-17.0	-19.4	-20.0	-18.2	-18.0	-12.1	-10.0	-4.7	-2.2	-1.2	+1.8	
	292.	291.	285.	280	270.	260.	250.	240.	230.	220.	210.	200.	190	180.	170.	160.	145.	140.	135	
613	+6.8	+2.0	-2.0	-8.7	-14.7	-18.8	-18.7	-18.2	-20.2	-22.2	-22.9	-20.2	-18.0	-12.7	-10.1	-5.7	-4.9	-2.5	+0.6	
	276.	274.	265.	260.	250.	240.	230.	220.	210.	200.	190.	180.	170.	160.	150	140.	135	130	125.	
612		+7.9	+1.3	-2.0	-7.0	-7.7	-8.5	-13.9	-17.2	-18.7	-17.3	-17.9	-11.4	-8.2	-6.7	-3.7	-2.2	+0.4		
		268.	266.	260.	250.	240.	230.	220.	210.	200.	190	180	160.	140.	130.	120.	115.	110.		
611			+6.9	+2.5	-0.2	-1.2	-5.7	-8.4	-9.7	-10.7	-10.2	-10.7	-12.0	-10.8	-8.0	-5.4	-2.7	-0.2		
			258.	258.	250.	240.	230.	220.	210.	200.	190.	180.	160.	140.	120.	110.	105	100.		
610		+6.7	+2.3	+0.6	-1.6	-6.2	-8.2	-11.2	-12.4	-10.7	-13.2	-13.2	-13.0	-12.7	-10.4	-9.2	-5.4	-2.6	-2.9	
		257.	256.	250	245.	240.	230.	220.	210.	200	190.	180.	160.	140.	120.	110	100.	95.	90.	

Sep 2/11

609			+6.6	+1.6	-2.2	-6.7	-9.2	-9.2	-11.8	-10.2	-9.7	-12.6	-12.2	-9.9	-7.2	-5.7	-4.3			
			250.	249.	240	230.	220.	210.	200.	190.	180.	160.	140.	120.	100.	95.	90.			
608		+5.3	+2.7	+1.8	-1.0	-4.7	-9.2	-9.7	-9.2	-10.2	-11.0	-7.2	-8.1	-9.2	-8.2	-5.2	-2.1			
		247.	246.	244.	240.	230.	220.	210.	200.	190.	180.	160.	140.	120.	100.	90.	85.			
607			+6.8	+0.6	-2.7	-4.2	-6.4	-9.2	-12.2	-12.0	-10.5	-8.3	-10.6	-10.9	-7.4	-6.2	-1.7			
			241.	240	235	230.	220.	210.	200.	190.	180.	160.	140.	120.	100.	90.	85.			
606	+6.8	+5.4	+3.8	+1.8	-2.7	-7.2	-9.4	-11.8	-10.4	-7.4	-7.7	-10.9	-10.2	-7.2	-6.9	-6.4	-1.7			
	244.	244.	239.	230	220.	215.	210.	200.	190	180.	160.	140.	120.	100	90.	85.	80.			
605		+5.8	+2.4	+1.8	-0.6	-5.9	-4.7	-8.2	-6.5	-9.4	-8.2	-8.2	-11.2	-11.9	-8.4	-6.7	-4.5	-2.8		
		245.	243.	239.	230	220.	210.	200	190	180.	170.	160.	140.	120.	100.	90.	85.	80.		
604.			+6.8	+3.4	+1.8	+0.2	-1.2	-4.2	-9.5	-6.9	-6.2	-9.2	-10.5	-8.0	-8.1	-7.3	-4.7	-4.7	-3.2	
			249.	247.	237	230.	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	90.	85.	80.	
603.		+5.5	+1.9	0.0	-1.6	-4.4	-5.7	-6.2	-8.6	-6.7	-8.7	-9.2	-11.0	-11.3	-11.7	-7.9	-6.2	-4.2		
		250	249.	245	240.	230.	220.	210.	200.	190.	180.	170.	160.	140.	120.	100.	90.	85.		

St 2:

Final Soundings in Dredger Cut on Left.

12.

Sept 4/11

Final Cross Sections, Embankment and Borrowpit, continued in Final Cross Section Book No 3, pages 28 and 49.

618.

+1.7	+0.2	+1.2	0.0	0.0	-0.4	-2.2	-1.7	-0.7	-1.2	-1.2	+1.8
241.	230	220.	210	190	180	160	150.	130.	120.	110.	105.

-12.2	-12.7	-13.7	-24.3	-23.0	-21.7	-15.8	-11.8	-11.2	-8.7	-9.2	-8.7	-8.5	-9.7
230	240.	250.	260.	270.	280.	290	300.	310.	320.	330.	350	370	390.

617 + 50

-16.5	-14.7	-12.6	-10.0	-11.2	-10.3	-9.9	-9.2	-8.6	-8.3	-6.7	-7.0	-3.2	-2.0	+1.8
220.	210.	200.	190	180.	170.	160.	150.	140.	130.	120.	110	100.	95.	89.

-24.0	-18.7	-23.7	-24.2	-15.4	-10.0	-7.2	-6.0	-7.0	-7.2	-4.2	+1.7	+4.6
260.	270.	280.	290.	300	310.	320.	330	340.	350.	360	371	391

617

-24.0	-23.7	-18.9	-18.3	-18.2	-18.7	-17.2	-17.2	-16.2	-17.4	-12.7	-12.4	-6.9	-2.6	-0.8	+1.8
250.	240.	230.	220.	210.	200.	190.	180	170	160.	150.	140.	130.	120.	115.	109.

616 + 50

-14.2	-12.2	-10.2	-13.4	-9.2	-8.6	-8.8	-3.6	-7.2	-5.2	-3.7	+1.8	+5.3
270	280.	290.	300.	310.	320.	330.	340	350.	360.	365	370.	371.

-13.7	-13.7	-15.2	-15.7	-20.7	-20.2	-15.7	-14.2	-14.6	-10.2	-8.2	-6.8	-4.2	-2.2	-1.2	+1.8
260.	250.	240.	230	220.	210	200.	190.	180	170.	160.	150.	140.	130	125.	120.

616

-8.2	-6.2	-3.7	-6.7	-4.2	+1.8	+4.3
300.	310.	320.	330	340	345	355.

-10.2	-11.2	-10.2	-10.1	-10.2	-11.2	-8.7	-9.7	-9.2	-10.2	-9.7	-7.2	-6.8	-5.2	-3.7	-3.7	-0.7	+1.8
290.	280.	270.	260.	250.	240.	230.	220.	210.	200.	190.	180.	170.	160.	150.	140.	135.	130.

615 + 50

-10.7	-3.7	-0.7	+0.6	-0.1	+0.4	+1.8	+2.2
280	290.	300	310	330	340	347.	352.

-16.2	-11.3	-9.7	-12.2	-18.2	-11.7	-11.3	-11.2	-9.7	-8.4	-7.4	-6.8	-4.2	-1.7	+1.8
270.	260.	250	240.	230.	220.	210.	200.	190.	180.	170.	160.	150.	145.	140.

1885

S 12.

X Sections showing effects of winter rains

T. C. R

April 5/11
15.

771	SW										< House Tracks >					
	5.1	7.7	9.0	10.4	12.3	15.0	17.9	24.1	24.3	23.9	17.1	17.0	14.5	13.0	10.4	9.2
	69.	66.	61.	44.	41.	32.	30.	17.		23.	36	54.	57.5	63.	70	80.
769	SW											< House Tracks >		Waste bank		
	5.1	7.3	9.9	11.6	13.4	14.7	16.7	20.8	23.9	24.2	24.0	16.4	14.6	11.2	10.9	11.9	13.5
	64	63.	48.	40.	36.	29.5	28.	18.	13.		23.	40.	42	49.	65.	67.	83.
															Waste bank		
															10.3	9.3	7.6
															87.	95.	101
754	SW.										< House Tracks >					
	5.1	8.2	11.3	13.2	14.5	16.8	24.4	24.5	24.0	18.3	15.9	15.7	14.6	14.2	10.5	
	70.	66.5	43.	34.	28.	27.	15.		25.	34.	40.	58.	59	61.	67.	
															10.1	8.2
															69	73.
750 + 50	SW.															
	5.1	9.3	12.8	14.5	16.6	17.1	24.1	24.2	23.9	16.0	14.7	13.1	12.3	10.1		
	64.5	63.	44.	35.	34.	31.	20.5		35.	48.	49.	55	56.	65.		
747	S.W.															
	5.1	8.6	11.6	13.1	14.6	16.6	24.2	24.3	24.1	23.5	15.6	14.6	13.9	11.6		
	59.	54.	41.	37.	30.	28.5	17.		21.	29.	41	42.	46	53.		
															10.4	
															63.	
745	SW															
	5.1	5.9	7.8	10.7	12.9	15.4	17.8	24.2	24.4	24.3	22.9	15.8	14.7			
	62.	60.	49.	36.	31	25.	24.	14.		10.	18.5	31.5	35.			

Sta.	Grade Elev.	L.	C.	R
BM. 23.685. on Cap 15' L of 743+25				

1887

June 4/10 17.

Sta.	Grade Elev.	L.	C.				R.		
+ 50	23.984	0.0 20.2	+4.7 12.	+4.3	+4.1 3	0.0 8.5	-10.5 25.	-12.1 34.	-13.2 41.8
750		0.0 19.0	+4.0 12.	+4.1	+3.9 9.	0.0 7.5	-9.2 22.	-11.6 32.	-13.2 41.8
+ 50		0.0 21.5	+3.6 14.5	+3.6	0.0 3.6	-8.9 21.	-11.6 32.	-12.7 41.0	
749		0.0 20.	+3.8 13.	+3.8	+3.6 2.5	0.0 7.	-10.2 23.	-12.4 33.	-13.6 42.4
+ 50		0.0 18.0	+3.4 13.	+3.4	0.0 3.		-8.2 19.	-11.5 33.	-13.2 41.8
748		0.0 14.7	+2.4 11.	+2.3	0.0 2.7	-11.3 20.	-14.4 37.	-15.2 44.8	
+ 50	Level	0.0 16.8	+2.3 12.	+2.1	0.0 2.	-12.0 20.	-15.5 33.	-16.2 46.3	
747		0.0 16.5	+2.5 11.5	+2.3	+2.5 2.	0.0 5.	-11.4 22.5	-11.7 39.6	
+ 50		0.0 15.6	+2.6 11.5	+2.7	+2.6 1.5	0.0 7.5	-4.2 16.	-4.6 28.9	22' RB on R
746		0.0 17.3	+2.0 9.	+2.0	+2.0 2.	0.0 5.5	-4.0 15.	0.0 27.5	RB 22 on R
+ 50		0.0 18.7	+1.8 9.	+1.5	+1.3 4	0.0 6.5	-1.9 9	-11.7 23.	-7.2 31.3	RB 20.5 on R
745		0.0 10.0	+0.9 9.	+1.1	+0.8 5.	-1.2 9.	-12.7 23.	-15.3 34.	-14.3 36.9	RB 16.5
+ 50		0.0 10.0	+0.5 9.	+0.7	+0.5 4.	0.0 5.	-1.5 9.	-12.1 23.	-15.2 34.3	RB 11.5 on R
744	H.B to Siding	23.984	-1.4 11.1	-0.9 9.	-0.9	-1.2 9.	-8.6 21.9		

See Note P21

Sta.	Grade Elev.	C.				R			
+ 50	23.984	0.0 15.0	+3.0 9.5	+3.3	+3.2 2.5	0.0 6.5	-7.4 20.	-11.4 33.	-13.3 42.0
756		0.0 14.0	+3.2 8.5	+3.4	+3.4 3.5	0.0 9.	-7.3 20.	-11.9 32.	-14.1 43.2
+ 50		0.0 15.7	+2.9 10.5	+2.6	+2.3 2.5	0.0 4.5	-5.8 18.	-9.2 26.	-11.1 38.6
755		0.0 14.3	+1.8 11.	+2.2	+2.0 2.	0.0 4.5	-10.6 24.	-12.3 41.4	
+ 50		0.0 13.2	+1.7 9.8	+2.1	+2.0 2.	0.0 4.5	-10.5 26.	-13.5 42.2	
754		0.0 14.6	+2.4 10.7	+2.3	+2.2 2.	0.0 4.5	-10.0 26.	-12.9 41.4	
753 + 50		0.0 17.5	+2.4 9.5	+2.5	+2.4 3.	0.0 8.	-10.1 24.	-11.4 37.	-11.8 39.7

See Note P21

BM 10.377.50' R. of 753+31.8 on Hub

753 + 31.8 E.C.		0.0 15.0	+3.4 10.	+2.8	+2.7 3.5	0.0 8.5	-8.2 22.	-9.5 27.	-11.2 35.	-11.5 39.2
753	Level.	0.0 12.4	+2.6 8.5	+3.2	+3.1 4.5	0.0 8.5	-9.4 23.	-11.0 27.	-12.6 37.	-13.2 41.8
+ 50		0.0 18.0	+2.9 9.5	+3.4	+3.2 4.	0.0 10.	-9.1 26.	-12.1 36.	-13.0 41.5
752		0.0 16.5	+3.9 9.	+4.1	+4.1 4.	0.0 10.5	-10.6 27.	-12.1 34	-13.6 42.4
+ 50		0.0 18.4	+4.1 7.	+4.0	+3.9 3.4	0.0 9.	-9.0 23.	-11.1 34.	-12.2 40.3
751	23.984	0.0 20.2	+4.4 12.5	+4.1	+3.7 3.	0.0 7.5	-10.2 24.	-12.2 36.	-12.8 41.2

Sta.	Grade Elev:	L.		C.		R			
+50	23.984	0.0 18.0	+2.4 14.	+2.5	+2.4 3.5	0.0 6.	-8.3 22.	-11.2 29.	-13.8 42.7
763		0.0 17.5	+2.6 13.	+2.7	+2.6 2.	0.0 5.	-7.6 18.	11.5 26.	-13.5 37.	-14.3 43.4
+50		0.0 16.0	+2.6 12.5	+2.5	+2.4 3.	0.0 6.0	-10.7 23.	-12.8 33.	-13.5 42.2
762		0.0 14.5	+2.3 10.	+2.7	+2.5 6.3	0.0 10.5	-8.2 24.	-11.1 31.	-13.6 42.4
+50		0.0 15.7	+2.8 11.	+3.0	+2.9 6.	0.0 9.	-9.1 22.	-12.4 32.	-13.6 42.4
761		0.0 16.0	+2.8 11.5	+3.1	+3.0 3.8	0.0 9.	-11.4 28.	-13.0 27.	-14.0 43.0
+50		0.0 16.7	+2.9 12.	+3.1	+2.8 5.5	0.0 9.	-7.5 24.	-12.0 32.	-14.4 43.6
760		0.0 15.1	+2.2 11.2	+2.5	+2.4 4.7	0.0 6.8	-12.3 26.	-13.2 30.	-14.4 43.6
+50		0.0 15.6	+2.3 11.8	+2.2	+2.0 3.8	0.0 6.2	-8.6 24.	-13.0 31.	-14.7 44.0
759		0.0 15.7	+2.2 11.6	+2.0	+1.8 2.	0.0 4.5	-7.8 20.	-12.1 31.	-13.3 42.0
+50		0.0 16.0	+2.8 11.2	+2.8	+2.8 1.5	0.0 7.4	-7.0 22.	-11.6 30.	-13.6 42.4
T.P. 27.165 on 758									
758.		0.0 17.2	+3.3 11.5	+3.1	+3.1 1.5	0.0 5.5	-7.8 19.	-10.8 30.	-14.0 43.0
+50		0.0 16.8	+3.7 11.5	+3.7	+3.4 2.6	0.0 7.	-7.0 19.	-10.9 30.	-14.0 43.0
757	23.984	0.0 16.3	+3.4 11.	+3.5	+3.5 2.	0.0 6.	-7.9 20.	-10.9 30.	-12.8 41.2

See Note P 21

1890

Sta.	Grade Elev.	L.	C.			R				
+ 50		24.2 0.0 9.	24.2 0.0	23.2 -0.7 3.	21.2 -2.8 9.	17.2 -7.0 16.	13.2 -10.1 27.	10.2 -13.3 38.	10.1 -13.9 42.9	
770		23.2 -0.8 10.2	23.2 -0.8 9.	23.1 -0.9		17.2 -6.8 9.	13.2 -11.0 17.	11.2 -12.1 29.	9.2 -14.8 44.2	
+ 50		22.6 -1.4 11.1	22.6 -1.4 9.	22.3 -1.7		17.6 -6.4 9.	16.2 -7.6 12.	12.8 -11.2 28.	11.1 -12.9 41.4	
BM on peg 35' Rt. of 769+35		El: 11.745								
769		22.2 -3.5 14.2	22.3 -1.7 9.	22.3 -1.7	22.1 -1.9 3.	19.2 -4.7 9.	16.8 -8.2 24.	13.1 -10.9 38.4		
+ 50		23.2 -0.8 10.2	23.2 -0.8 9.	23.2 -0.7	23.2 -0.8 4.	19.2 -5.0 9.	14.6 -9.4 20.	12.8 -11.5 34.	11.1 -12.6 40.9	
768		23.2 -0.3 9.4	23.2 -0.3 9.	23.6 -0.4	23.4 -0.6 3.	19.7 -4.3 9.	17.2 -6.3 13.	15.2 -9.0 19.	12.2 -11.3 34.	12.2 -11.8 39.7
+ 50		-1.4 11.1	-1.0 9.	-0.8	-0.8 3.	-6.2 12	-8.7 18.	-11.9 35.	-12.5 40.8	
767		-0.7 10.0	-0.6 9.	-0.7	-0.8 4.	-5.5 11.8	-8.4 18.	-9.8 23.	-12.5 40.8	
+ 50	Level.	-5.8 17.7	-2.0 9.	-1.3	-1.9 5.5	-5.0 11.8	-6.2 16.	-10.1 29.	-12.5 40.8	
766		-3.5 14.2	-1.3 9.	-1.2	-1.2 5.	-4.3 9.	-7.9 18.	-10.8 26.	-12.6 40.9	
+ 50		-2.0 12.0	-0.7 9.	-0.6	-0.8 3.	-3.0 6.	-8.9 19.	-11.1 31.	-12.4 40.6	
765		-2.0 12.0	-0.8 9.	-0.5	-0.6 4.5	-3.2 8.	-9.6 21.	-12.8 29.	-14.2 43.3	
+ 50		0.0 9.	0.0	0.0 6.	-2.2 8.5	-7.7 22.	-11.1 29.	-14.2 43.3		
764	23.984	0.0 14.3	+1.4 11.	+1.7	+1.6 4.5	0.0 6.4	-7.6 21.	-12.1 31.	-14.2 43.3	

see Note P. 21

Sta.	Grade Elev.	L.	C.	R						June 9/10 21.
		Cross section Notes of Emb. before Dredgers San Francisco and Neptune worked over this section in June 1910.								
BM. 21.212 Top of Pile N° end of Bridge Cap.										
		16.2	22.7	22.8	22.6	21.2	17.2	17.0		
777	KB to Siding	-7.8	-1.3	-1.2	-1.4	-2.8	-6.8	-7.0		9' RB on Rt
		20.7	9		6.	9.	17.	19.5		
		22.5	22.6	22.6	22.3	20.2	15.2	13.4		
+ 50	23.984	-1.5	-1.4	-1.5	-1.7	-4.0	-8.1	-10.6		11.5 RB on Rt
		11.2	9.		4.	9	18.	27.4		
		17.7	22.2	22.4	22.1	19.8	17.1	13.5		
776		-6.3	-1.7	-1.6	-1.9	-4.5	-6.9	-10.5		16.5 RB on Rt
		18.4	9.		3.	9.	15.	32.3		
		19.6	22.3	22.4	22.4	21.9	18.7	11.2	10.5	
+ 50		-4.2	-1.8	-1.6	-1.6	-3.0	-5.3	-12.1	-13.5	20.5 RB on Rt
		15.3	9.		4.	9.	15.	35.	40.7	
		22.7	22.8	22.5	22.8	19.6	16.1	8.9	6.5	
775		-1.3	-1.2	-1.5	-1.7	-4.4	-7.9	-16.0	-17.5	22' RB on Rt
		11.0	9.		3.	9.	16.	38.	47.8	
		21.6	21.9	21.7	21.7	19.1	16.2	13.2	11.6	
+ 50		-2.4	-2.1	-2.3	-2.3	-4.9	-7.8	-10.8	-12.4	
		12.6	9.		3.	9.	16.	27.	40.6	
		21.1	21.9	21.6	21.7	19.1	11.6	8.5		
774		-2.9	-2.1	-2.4	-2.3	-4.9	-12.4	-15.2		
		13.4	9.		3.	9.	23.	44.8		
		22.1	22.3	22.3	22.0	19.3	14.3	11.8	10.6	
+ 50		-1.9	-1.7	-1.7	-2.0	-4.7	-9.7	-12.2	-13.4	
		11.9	9.		3.	9.	22.	33.	42.1	
		20.4	22.2	21.9	21.7	19.6	14.5	12.2		
773	Level	-3.6	-1.8	-2.1	-2.3	-4.4	-9.5	-11.3		
		14.4	9.		3.	9.	23.	39.0		
		21.4	22.3	22.5	22.2	20.2	15.1	12.5	11.5	
+ 50		-2.6	-1.7	-1.5	-1.8	-3.1	-8.9	-11.5	-12.5	
		12.9	9.		6.5	9.	24.	33.	40.8	
		24.2		24.2	24.2	21.8	12.8	10.2	9.5	
772		0.0		0.0	0.0	-2.2	-9.2	-13.1	-14.2	
		9.			3.	9.	23.	36.	43.3	
		24.2	24.3	24.3	24.1	22.2	21.3	18.2	11.5	9.1
+ 50		0.0	+0.3	+0.3	0.0	-1.3	-2.7	-8.3	-12.5	-14.9
		10.7	9.		1.7	6.5	9.	17.	33.	44.4
		24.2	24.4	24.2	23.2	21.3	16.3	13.4	12.2	
771		0.0	+0.4	0.0	-1.0	-2.8	-7.1	-10.6	-11.8	
		15.8	9.		3.5	9.	16.	32.	39.7	

8/2

X Sections at Mr. Runyon's

805

SW.

-2.1 -7.2 -8.6 -7.1 -3.1 3.9 10.4 12.2 16.9 23.9 24.2 23.7 17.4 14.4 12.3 11.7 11.3
140. 130. 110. 90. 70. 62. 57. 40. 27. 12. 16. 31. 38. 60. 100. 125.

SW

+3.9 +9.9 + 7.9 17.0 17.9 20.3 17.5 14.6 8.1 6.0 4.9
148. 155 168. 185. 200. 210. 220. 223. 260. 280. 300.

807

SW

+3.9 -5.1 -7.3 -7.6 -5.1 3.9 11.9 13.3 15.2 23.9 24.3 24.0 18.4 14.2 11.7 9.4 8.1
152. 140. 120 100. 80. 71. 61. 41. 31. 14. 15. 26. 51. 100. 150. 200.

+9.4 10.4 13.3 17.4 16.0 14.5 11.3 8.0 6.5
155. 170. 175. 200. 230. 233. 255. 273. 300.

808

SW

9.2 +3.9 -2.1 -7.3 -7.6 -5.1 3.9 11.5 12.7 14.4 23.9 24.2 24.0 14.4 12.3 10.3 9.6 7.1
152. 147. 140 120. 100. 80. 68. 62. 43. 35. 16. 17. 33. 41. 75 100. 200.

Nov 13/1

Sta	Estimates of Sides outside of 80' RW. Cu. Yds.	
529 - 532	6.0 x 1.2 x 28. 1.4 x 8.0 x 35 4.0 x 0.8 x 16	Christie
534+50 - 536	1.5 x 10.0 x 22.0 7.0 x 1.0 x 20.0 1.5 x 10.0 x 22.0	
536 - 538	10.0 x 1.7 x 18.0 20.0 x 1.8 x 26.0 15.0 x 1.3 x 23.0 8.0 x 12.0 x 1.0	
538 - 540	1.4 x 26.0 x 10.0 1.5 x 14.0 x 76.0	
540 - 541	20' x 1.8 x 60'	Mosher
541 - 542	6.0 x 1.3 x 30.0	
545 - 546	5.0 x 1.3 x 23.0	

14681

Road Xing at Sta 509+70 WEST SIDE 33

		Grade	L.			℄		R.			
0 = 509+60	20' out	27.9			0.0 10.0		-8.1	-10.9 10.	-17.1 32.6		20' mid
0 + 20		27.9			0.0 10.0		-7.2	10.9 10.	-19.2 35.8		20' mid
0 + 50 = 510+09	20.8 out	26.1		-3.3 10.4	-5.4 7.	-8.2 4.	-8.6	-9.8 7.	-12.7 23.	-17.6 43.4	14' mid
1 = 510+58	31.4 out	23.1		-1.5 9.2	-2.8 7.	-6.0 2.	-6.9	-8.5 7.	-11.2 16.	-17.0 32.5	
+ 50 = 511+07	27.0 out	20.1			-0.5 7.8	-0.9 7.	-2.4	-5.3 7.	-10.0 18.	-12.6 25.9	
2 = 511+56	34.6 out	17.1			-1.7 9.6	-2.4 7.	-4.0	-4.4 7.	-5.4 15.1		
+ 50 = 512+06	49.5 out	14.1			-0.8 8.2	-1.3 7.	-2.7	-4.1 7.	-5.0 14.5		
3 = 512+55	69.5 out	11.1				0.0 7.	-1.6	-1.8 9.7			
+ 30						0.0 7.	0.0	0.0 7.0			

7 m 1/
5-24-12

Pages 33 ~~To 34~~ Used In
Final Estimate Item No 106.

1895

Sta: Road Xing at Sta 509+70 at Ferry Mar 30/11

		Grade	East Side						
									14 ft wide
0 = 509+60	20 out	27.9	-12.5 / 28.8	-6.4 / 10.	-4.7	0.0 / 10.0			
0 + 20 = 509+80	20 out	27.9	-9.9 / 24.9	-6.2 / 10.	-4.0	0.0 / 10.			20 wide
0 + 50 = 510+09	25 out	26.1	-9.3 / 21.0	-5.2 / 7	-3.4	-3.7 / 4.	-2.3 / 7.	-1.3 / 9.	14 wide
1 = 510+58	30.3 out	23.1	-5.6 / 15.4	-2.8 / 7.	0.0	+1.4 / 7.	+2.0 / 9.		
1 + 50 = 511+07	35.9 out	20.1	-3.8 / 12.7	-2.6 / 7.	0.0	+2.2 / 2.	+2.4 / 7.	+2.7 / 9.7	
2 = 511+56	41.7 out	17.1	-3.1 / 11.6	-1.7 / 7.	00 / 2.	+0.6	+0.8	+0.9 / 7.9	
+ 50 = 512+06	48.6 out	14.1	+0.7 / 7.7	+1.0 / 7.	+3.3	+3.4 / 7.	+3.6 / 10.6		
3 = 512+55	56.3 out	11.1	+2.6 / 9.6	+2.5 / 7.	+2.6	+3.0 / 3.	+4.8 / 7.	+7.2 / 14.2	
+ 30		9.3	+1.2 / 8.2	+1.0 / 7.	+1.0	+1.6 / 7.	+3.0 / 10.0		
+ 40				0.0 / 7.	0.0		0.0 / 7.		

FMY
5-24-12

Sept 29/10

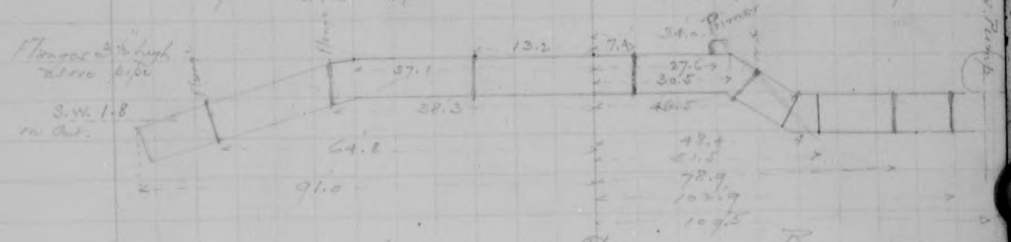
S/3:

X Section of Pipes at Pump-House. District #744.

Elevations taken Top of pipe

528 + 84.4. (24" Pipe)

1.6 7.5 17.6 18.0 17.9 17.8 6.7 7.0
91. 64.8 37.1 13. 30.5 48.4 102.9.



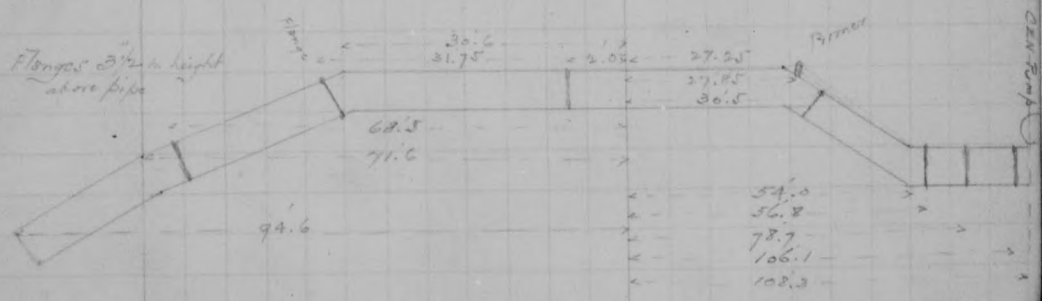
L. C. R

X Sec: taken Feb 1st/11 17.61 17.67 17.67 Feb 1st/11.
37.1 30.5

528 + 97.9 (30" Pipe)

-0.2 7.8 17.1 17.0 17.0 6.0 5.5 5.3
94.6 71.6 30.6 27.25 54 56.8 106.1

See Topography see p. 37.



L. C. R

X Sec: taken Feb 1st/11. 17.08 16.82 16.92 Feb 1st/11.
30.6 27.25

Topography of Pump House
— Reclamation Dist. #744.

18981

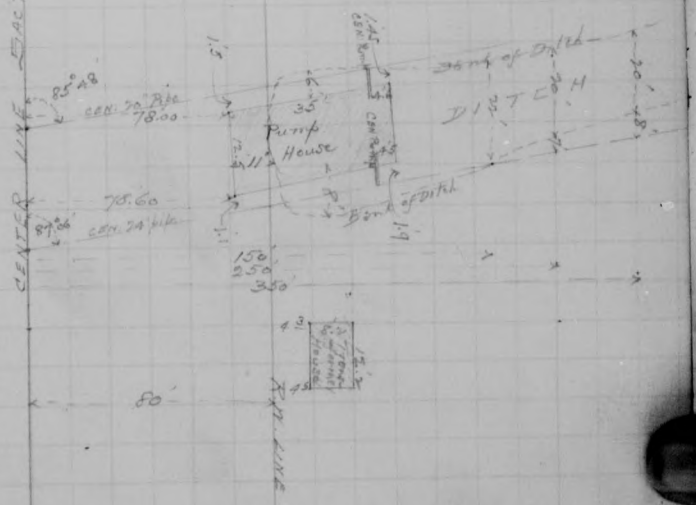
* For X Secs. of Pipes
See page 36.

528+97.9 CEN: 20" Pipe

528+90

528+84.4 CEN: 24" Pipe

528+68



Sta:	Grade	L.					C.				R.		
		S.W. Original Cross Sections thro' Recl. Dist. #744.											
507	26.321	1.9	5.3	10.8	17.0	18.1	19.0	17.3	14.3	10.4	8.9	4.5	4.9
		-24.4	-21.0	-15.5	-9.3	(-8.2)	-7.3	-9.0	-12.0	-15.9	-17.4	-21.8	-21.4
		86.	83.	56.	30.	21.3	15.	9.		9.	15.	38.	41.1
+ 50	26.327	S.W. 1.9	4.6	7.7	12.8	17.8	18.1	17.5		11.5	7.2	3.2	4.5
		-24.4	-21.7	-18.6	-8.5	(-8.5)	-11.2	-12.8		-14.8	-16.1	-22.1	-21.8
		86.	84.	61.	29.	21.8	9.			9	16.	27.	41.7
506	26.333	S.W. 1.9	5.5	6.3	10.5	16.2	17.7	15.4	13.3	11.1	8.0	4.7	4.5
		-24.4	-20.8	-20.0	-15.8	-10.0	-8.6	-10.9	-13.0	-15.2	-18.3	-21.4	-21.6
		91.	87.	74.	53.	36.	21.7	9.		9.	16.	28.	41.4
+ 50	26.339	S.W. 2.0	4.6	7.4	10.5	17.8	17.6	16.7	15.1	12.5	12.0	5.3	5.2
		-24.4	-20.8	-19.0	-15.9	-9.1	(-8.8)	-9.7	-11.4	-13.7	-14.4	-21.1	-21.2
		88.	86.	71.	53	36.	22.2	9.		9.	12.	26.	40.8
505	26.345	S.W. 2.0	5.7	10.7	17.4	17.9	(-8.5)	17.1	16.0	14.3	11.5	7.7	6.0
		-24.4	-20.7	-15.7	-9.0			-8.3	-10.4	-12.1	-14.9	-18.5	-20.4
		84.	82	58.	33.	21.8		9.		9.	20.	27.	39.6
+ 50	26.351	S.W. 2.9		16.2	13.1	17.8	17.1		17.6	13.8	13.8	10.3	
		-24.4		-19.8	-13.3	(-8.6)	-7.3		-8.8	-10.6	-12.6	-16.1	
		75.		70.	39.	21.9	9.			9.	21.	33.2	
504	26.357	S.W. 2.0	6.1	9.3	13.8	14.1	13.7		19.4	19.8	17.3	16.6	
		-24.4	-20.3	(-17.1)	-13.6	-12.3	-10.6		-7.0	-6.6	-9.1	-9.8	
		55.0	54.7	34.6	24.	16.	9.		0	9.	16.	23.7	

See page 67 of this book

Continued from Cross Section Book Sta 360 to Sta 504, page 67 of Embankment

The Cross-section Notes of Embankment from "E" 504+00 to "E" 616+40, pages 38 to 55, are given as depths below profile grade. The Cross-section Notes of Borrow Pit from "E" 504+00 to "E" 618+00, pages 67 to 57, are given as elevations above or below Sacramento Southern Railroad datum and are extensions of the cross-section notes of the embankment at corresponding stations.

H.V.M.

June 28/10

Original Cross Sections thro' Recl. Dist. #744

Sta.	Grade	L.	C.	R.
514	26.238	S.T. 1.6 -24.6 92.	7.3 14.0 21.9 30.9 18.0 14.7 13.2 6.4 8.4 -19.0 -12.2 -4.8 (-5.3) -8.2 -11.3 -13.8 -17.8 -17.8 90. 57. 30. 17.0 9. 9. 32. 35.7	
+ 50	26.243	S.T. 1.6 -24.6 91	7.1 13.5 18.0 21.0 30.1 17.3 14.6 12.2 9.3 8.6 -19.1 -13.4 -8.2 -5.2 (-6.1) -8.9 -11.6 -14.0 -17.9 -17.6 89. 72. 50. 32. 18.3 9 9. 33. 35.4	July 1st/10
513	26.249	S.T. 1.6 -24.6 94.	3.7 12.1 14.1 21.5 19.8 19.7 17.8 16.3 13.2 8.4 8.7 -23.5 -14.1 -12.1 -4.7 (-6.4) -7.5 -8.4 -9.9 -14.0 -17.8 -17.6 91. 67. 53. 25 18.6 14. 9. 9. 32. 35.2	
BM. 9.231 on Oak Tree 60' R' of 512+50				
+ 50	26.255	S.T. 1.9 -24.4 95.	7.4 10.5 14.0 19.7 20.5 18.0 16.0 12.5 14.3 8.4 8.7 -18.9 -15.5 -12.8 -6.6 (-6.0) -8.3 -10.3 -13.8 -15.8 -17.9 -17.6 90. 71. 53. 35. 18. 9. 9. 15. 30. 35.4	
512	26.261	S.T. 1.9 -24.4 88	7.0 12.7 13.2 18.6 21.2 20.2 17.3 16.8 14.6 8.5 8.8 -19.3 -15.6 -13.1 -7.9 -5.1 (-6.1) -9.0 -9.5 -11.7 -17.8 -17.5 84. 69. 54. 43 29. 18.2 9. 9. 24. 35.2	
+ 50	26.267	S.T. 1.9 -24.4 89.	7.6 14.3 22.1 22.8 19.0 15.3 14.7 14.1 12.6 8.8 8.8 -18.7 -12.0 -6.2 (-5.5) -7.3 -11.0 -11.4 -12.2 -19.7 -17.5 -17.5 85. 49. 28. 17.2 9. 3. 9. 17. 27. 35.2	
511	26.273	S.T. 1.9 -24.4 91.	7.3 10.6 14.5 21.0 20.5 17.8 15.7 13.6 11.7 8.8 -19.3 -15.7 -11.8 -5.3 (-5.8) 8.5 -10.6 -12.7 -14.6 -17.5 88. 69. 50. 30. 17.7 9. 9. 17. 35.2	
+ 50	26.279	S.T. 1.9 -24.4 92.	7.1 10.6 14.3 21.0 21.3 20.7 17.8 15.5 12.7 8.3 7.9 -19.2 -15.7 -12.0 -5.3 -5.0 (-5.6) -8.5 -10.8 -13.6 -18.0 -18.4 88. 69. 50. 28. 24 17.4 9. 9. 25. 36.6	
510	26.285	S.T. 1.9 -24.4 89.	7.1 14.0 20.5 19.7 16.1 14.3 12.5 10.3 7.6 7.8 -18.2 -12.3 -5.8 (-6.6) -10.2 -12.1 -13.8 -16.0 -18.7 -18.5 84. 50. 30. 18.9 9. 9. 15. 31. 36.8	
+ 50	26.291	S.T. 1.9 -24.4 88.	9.0 19.2 19.9 19.7 15.6 14.5 13.0 10.5 6.6 6.6 -17.3 -12.1 -6.4 (-6.6) -10.7 -11.8 -13.3 -15.8 -19.5 -19.7 83. 50. 31. 18.9 9. 9. 15. 33. 38.6	
509	26.297	S.T. 1.9 -24.4 88.	7.4 13.8 22.1 20.5 19.7 16.9 15.7 12.8 10.0 5.8 5.7 -18.9 -12.5 -6.2 (-5.8) -6.6 -9.4 -10.6 -13.5 -16.3 -20.5 -20.4 83. 48. 30. 17.7 16. 9. 9. 23. 33. 39.6	
+ 50	26.303	S.T. 1.9 -24.4 90.	6.8 16.6 19.6 19.8 19.7 18.9 15.3 12.6 9.2 5.5 5.3 -19.5 -9.7 -6.5 (-6.2) -6.5 -7.6 -11.0 -13.7 -16.1 -20.8 -21.1 85. 41. 29. 18.8 15. 9. 9. 18. 37. 40.6	
508	26.309	S.T. 1.9 -24.4 88.	7.0 14.0 19.3 20.0 19.2 15.2 12.8 9.5 5.3 -19.3 -12.3 -7.0 (-6.3) -9.1 -11.1 -13.5 -16.8 -21.0 86. 45. 27. 18.4 9. 9. 16. 40.5	
507 + 50	26.315	S.T. 1.9 -24.4 86.	5.7 14.3 18.8 18.5 16.6 14.0 11.7 9.1 4.8 -20.6 -12.0 (-8.2) -7.5 -9.5 -12.3 -14.6 -17.2 -21.2 83. 38. 21.0 12. 9. 9. 20. 41.2	

19061

Sta		Grade	L.	C.	R.
			Original Cross Sections thro' Red. Dist #744.		
521		26.156	S.M. 1.6 / -24.6 / 78. ; 4.8 / -21.4 / 76. ; 10.5 / -15.9 / 50. ; 14.1 / -12.1 / 36. ; 19.4 / -6.8 / 19.2 ; 21.2 / -5.2 / 9.	17.2 / -7.0 ; 14.5 / -11.7 / 9.	5.0 / -20.7 / 34. ; 5.8 / -20.9 / 40.4
	+ 50	26.161	S.M. 1.6 / -24.6 / 82. ; 5.0 / -21.2 / 80 ; 13.2 / -15.6 / 48. ; 19.0 / -12.2 / 37. ; 19.5 / -6.7 / 19. ; 22.5 / -5.4 / 9.	17.2 / -8.7 ; 13.2 / -12.8 / 9.	5.5 / -20.7 / 28. ; 5.2 / -21.0 / 40.5
520	TP 15.876 S.M. 5.74	26.167	S.M. 1.6 / -24.6 / 80. ; 4.8 / -21.6 / 78. ; 10.9 / -15.9 / 56. ; 13.9 / -12.3 / 35. ; 19.5 / -6.7 / 19.0 ; 22.8 / -6.4 / 9.	15.8 / -10.4 ; 12.7 / -13.5 / 9	10.6 / -15.6 / 15. ; 5.6 / -20.6 / 33. ; 5.1 / -21.1 / 40.6
	+ 50	26.172	S.M. 1.6 / -24.6 / 81. ; 4.9 / -21.3 / 79. ; 11.1 / -16.1 / 50.3 ; 12.9 / -12.5 / 44. ; 17.1 / -6.1 / 26. ; 19.7 / -6.5 / 18.8 ; 20.8 / -5.4 / 9.	16.2 / -10.0 ; 12.6 / -13.6 / 9.	5.6 / -20.6 / 28. ; 4.6 / -21.0 / 40.5
519		26.178	S.M. 1.6 / -24.6 / 83 ; 5.2 / -21.0 / 80. ; 10.6 / -15.4 / 50. ; 13.3 / -12.9 / 44. ; 19.5 / -6.7 / 26. ; 21.2 / -5.0 / 16.5 ; 19.7 / -6.3 / 9.	16.5 / -10.2 ; 12.6 / -13.6 / 9.	13.3 / -16.0 / 18. ; 5.6 / -20.6 / 30. ; 5.6 / -20.6 / 39.9
	+ 50	26.184	S.M. 1.6 / -24.6 / 85 ; 5.1 / -21.1 / 81. ; 12.4 / -16.8 / 55. ; 13.0 / -13.2 / 50. ; 18.1 / -6.1 / 29. ; 20.7 / -5.5 / 19.2 ; 18.7 / -7.5 / 9.	16.3 / -9.9 ; 12.5 / -13.4 / 9.	10.1 / -15.1 / 15. ; 6.2 / -19.3 / 38.0
518		26.190	S.M. 1.6 / -24.6 / 84. ; 6.0 / -20.2 / 82. ; 13.6 / -15.9 / 55. ; 14.0 / -12.2 / 41. ; 18.6 / -7.6 / 27. ; 19.7 / -6.5 / 18.8 ; 17.2 / -9.0 / 9.	14.0 / -12.2 ; 12.5 / -13.7 / 9.	8.0 / -18.2 / 26. ; 7.2 / -19.0 / 37.5
	+ 50	26.196	S.M. 1.6 / -24.6 / 85 ; 4.8 / -21.5 / 83. ; 10.5 / -15.7 / 50. ; 13.2 / -13.0 / 45. ; 17.3 / -8.9 / 27. ; 20.5 / -5.7 / 17.6 ; 17.5 / -6.7 / 9.	15.4 / -10.8 ; 12.5 / -13.7 / 9.	8.2 / -18.0 / 27. ; 7.6 / -18.6 / 36.9
517		26.202	S.M. 1.6 / -24.6 / 85. ; 5.1 / -21.1 / 83. ; 10.7 / -15.5 / 54. ; 12.6 / -13.6 / 44. ; 18.7 / -7.3 / 28. ; 21.4 / -4.8 / 16.2 ; 21.0 / -6.2 / 9.	16.6 / -9.6 ; 14.4 / -11.8 / 9.	5.9 / -20.5 / 25. ; 5.6 / -20.6 / 39.9
	+ 50	26.208	S.M. 1.6 / -24.6 / 87. ; 5.7 / -20.5 / 85 ; 10.5 / -15.7 / 58. ; 13.8 / -12.4 / 46. ; 24.6 / -5.6 / 27. ; 20.9 / -5.3 / 17.0 ; 19.2 / -7.0 / 9.	15.1 / -11.1 ; 13.1 / -13.1 / 9.	7.3 / -18.9 / 37.4
516		26.214	S.M. 1.6 / -24.6 / 86. ; 6.1 / -20.1 / 84. ; 10.6 / -15.6 / 55. ; 14.2 / -12.0 / 41. ; 19.7 / -6.5 / 26. ; 21.2 / -5.0 / 16.5 ; 19.7 / -6.5 / 9	15.8 / -10.4 ; 13.0 / -13.2 / 9.	8.7 / -17.5 / 27. ; 5.6 / -20.6 / 32. ; 5.5 / -20.7 / 40.0
	+ 50	26.220	S.M. 1.6 / -24.6 / 89. ; 4.9 / -19.5 / 86. ; 14.0 / -12.2 / 44. ; 19.2 / -7.0 / 31. ; 21.3 / -3.9 / 14.9 ; 20.6 / -5.6 / 9.	15.2 / -11.0 ; 12.2 / -14.0 / 9.	6.6 / -17.6 / 26. ; 7.9 / -18.3 / 36.4
515		26.226	S.M. 1.6 / -24.6 / 87. ; 6.9 / -19.3 / 84. ; 14.9 / -11.8 / 46. ; 20.9 / -5.3 / 31. ; 21.0 / -5.2 / 16.8 ; 17.9 / -8.2 / 9.	15.5 / -10.5 ; 12.7 / -12.3 / 9	7.3 / -18.9 / 27.4
514 + 50		26.232	S.M. 1.6 / -24.6 / 92. ; 7.1 / -19.1 / 89. ; 10.7 / -15.5 / 67. ; 13.9 / -12.3 / 55 ; 20.7 / -5.5 / 38. ; 22.6 / -3.6 / 23. ; 20.7 / -5.5 / 17.2 ; 16.2 / -8.9 / 9.	15.2 / -10.8 ; 12.9 / -13.3 / 9.	8.5 / -17.7 / 27. ; 8.0 / -18.4 / 26.6

Original Cross Sections thro' Recl. Dist. #744

Sta.	Grade	L.	C.	R.	
528	26.071	S.W. 1.6 5.0 10.1 12.9 15.9 17.2 20.1 17.3 10.5 9.2 7.1 -24.5 -31.1 -16.0 -13.5 -10.2 (-6.4) -6.0 -9.8 -11.7 -16.9 -19.0 85. 82. 60. 55. 40. 18.6 9. 9. 29. 37.5			July 6/10.
+50	26.077	S.W. 1.5 5.2 10.2 12.5 12.3 24.1 15.6 14.6 12.6 6.1 5.5 -24.6 -30.9 -15.8 -13.6 -12.8 (-6.0) -10.5 -11.5 -13.5 -20.0 -21.6 92. 86. 64. 60. 51. 18.0 9. 9. 36. 41.4			
527	26.083	S.W. 1.5 4.5 10.6 17.2 20.6 19.8 16.1 14.4 11.8 6.3 3.8 -24.6 -31.6 -15.5 -8.9 -5.7 (-6.3) -10.0 -11.7 -14.3 -19.8 -22.3 94. 91. 67. 56. 30. 18.4 9. 9. 34. 42.4			
+50	26.089	S.W. 1.5 3.9 15.5 12.9 16.2 21.1 17.8 15.7 15.1 12.7 4.3 4.1 -24.6 -32.7 -15.6 -13.4 -9.9 -5.0 (-8.4) -10.4 -11.0 -12.4 -21.8 -23.0 99. 98 69. 66. 50. 32. 21.6 9. 9. 33. 42.0			
526	26.095	S.W. 1.5 3.1 10.3 13.8 18.1 19.6 18.6 16.1 13.6 4.8 4.8 -24.6 -31.0 -15.8 -12.3 -8.0 (-6.5) -7.5 -10.0 -12.5 -21.3 -21.3 85. 79. 60. 49. 37. 18.8 9. 9. 32. 41.0			
+50	26.101	S.W. 1.5 5.0 10.5 13.8 16.5 21.6 19.6 16.0 13.3 7.8 4.8 4.7 -24.6 -31.1 -15.6 -13.3 -9.6 (-4.5) -6.5 -10.1 -13.8 -18.3 -21.3 -21.7 83. 81. 56. 53. 42. 15.8 9. 9. 29. 36. 40.8			
525	26.107	S.W. 1.5 6.5 10.7 18.3 21.0 19.8 17.0 12.6 8.4 5.4 5.5 -24.6 -19.6 -15.4 -7.9 (-5.1) -6.3 -9.1 -12.5 -17.7 -20.7 -20.6 30. 74. 50. 37. 16.6 9. 9. 34. 34. 39.9			
+50	26.113	S.W. 1.5 5.4 10.7 12.6 14.0 16.7 21.1 21.4 17.6 15.3 14.1 6.3 6.0 -24.6 -20.7 -15.4 -13.5 -11.1 -9.4 (-5.0) -4.7 -8.5 -10.8 -15.0 -19.8 -20.1 74. 72. 50. 48. 38. 34. 16.5 9. 9. 25. 33. 39.2			
524	26.119	S.W. 1.5 3.9 5.5 10.7 12.9 14.1 17.5 24.4 21.9 17.0 14.1 8.0 -24.6 -22.8 -20.6 -15.4 -13.2 -12.0 -8.6 (-4.7) -4.2 -7.1 -11.0 -18.1 76. 71 69. 47. 45. 39. 23. 16.0 9. 9. 26.2			
+50	26.125	S.W. 1.5 5.8 7.4 9.1 10.6 12.4 14.2 21.1 21.8 18.6 15.7 7.7 7.3 -24.6 -20.3 -18.7 -17.0 -15.5 -13.7 -11.9 (-5.0) -4.3 -7.5 -10.4 -18.4 -18.8 76 72. 65. 63. 52. 49. 39. 16.5 9. 9. 22. 37.2			
523	26.131	S.W. 1.5 4.5 10.6 12.9 12.9 21.6 21.1 18.5 15.5 8.1 5.5 -24.6 -19.6 -15.5 -13.2 -12.2 -4.5 -3.0 -7.3 -10.6 -18.0 -20.3 78 74. 53. 50. 42. 15.8 9. 9. 29. 39.4			
+50	26.137	S.W. 1.5 6.4 10.6 14.0 22.1 .8 19.1 14.4 7.3 6.0 -24.6 -19.7 -15.5 -12.1 (-4.0) -4.3 -7.0 -11.7 -18.8 -20.1 77. 73 50. 40. 15. 9. 9. 29. 39.2			
522	26.143	S.W. 1.5 5.9 14.0 20.0 21.6 17.9 14.3 5.9 5.7 -24.6 -20.2 -12.1 (-6.1) -4.5 -8.2 -11.8 -20.2 -20.4 80 76. 35. 18.2 9. 9. 24. 39.6			
521 +50	26.149	S.W. 1.5 8.5 14.4 14.2 19.4 20.3 18.0 13.9 8.0 5.9 5.7 -24.6 -20.6 -15.7 -11.9 (-6.7) -5.8 -8.1 -12.4 -17.1 -20.2 -20.4 77. 74. 50. 33. 19.0 9. 9 20 37. 39.6			

Sta.	Grade	Z.	C.	R.

Original Cross Sections thro' Recl. Dist. #744

Sta.	Grade	Z.	C.	R.
535	25.988	S.M. 1.8 53 10.4 14.6 17.6 19.3 17.1 15.2 13.7 8.3 0.4 -24.1 -20.6 -15.5 11.3 -8.3 (-6.6) -8.8 -10.7 -12.2 -17.6 -20.5 74. 70. 45. 40. 33. 18.9 9. 9. 23. 39.8		
+50	25.994	S.M. -24.1 -21.7 -20.8 -15.3 -12.0 8.2 (-7.0) -8.9 -11.0 -12.9 -15.9 -20.0 -20.8 77. 75. 73. 45. 40. 29. 14.5 9. 9. 24. 35. 40.2		
534	26.000	S.M. 1.9 4.4 6.1 10.4 15.2 18.0 16.0 14.4 12.5 10.1 6.4 4.3 -24.1 -21.6 -19.9 -15.6 -10.8 (-8.0) -10.0 -11.6 -12.5 -15.9 -19.6 -21.7 77. 74. 69. 45. 37. 21.0 9. 9. 23. 31. 41.6		
+50	26.006	S.M. -24.1 -21.1 -15.2 -13.8 -9.2 -8.1 -10.5 -13.0 -15.1 -17.7 -20.3 77. 74 46. 43. 31. 21.2 9. 9. 15. 39.4		
533	26.011	S.M. 1.9 4.4 6.0 10.0 14.8 16.2 18 16.5 13.4 12.4 9.6 6.5 5.3 -24.1 -21.6 -20.0 -15.4 -11.7 -9.7 (-8.0) -9.5 -12.6 -13.6 -16.4 -19.4 -20.7 76. 73. 71. 45. 40. 32 21.0 9. 9. 25. 30. 40.0		
+50	26.017	S.M. -24.1 -22.2 -19.3 -15.4 -11.6 -9.2 -9.6 -12.1 -15.6 -16.8 -20.4 75. 72. 65. 43. 40. 22.8 9. 9. 11. 39.6		
532	26.023	S.M. 1.9 4.6 10.7 12.6 17.7 17.1 14.7 12.2 7.9 -24.1 -21.4 -15.3 -13.4 -8.3 -8.9 -11.3 -13.8 -18.1 78. 75. 40. 30. 21.4 9. 9. 36.2		

July 1910

Sta.	Grade	Z.	C.	R.
+50	26.029	S.M. -24.1 -21.2 -15.4 -11.8 -9.0 -8.9 10.1 -12.6 15.3 -17.5 -21.6 78. 75. 40. 34. 21.5 9. 9 31. 32. 41.4		
531	26.035	S.M. 1.5 4.5 10.6 13.8 17.9 18.5 17.5 15.2 13.0 7.6 -24.5 -21.5 -15.4 -12.2 -8.1 -7.5 -8.5 -10.8 -13.0 -18.4 80. 77. 46. 41. 26. 20.2 9. 9. 36.6		
+50	26.043	S.M. 1.5 -24.5 -21.2 -20.4 -15.5 -11.8 -7.4 -8.2 -11.1 -12.8 -17.0 -22.0 -22.0 80 78. 75. 51. 44. 20.1 9. 9 28. 39. 42.0		
530	26.048	S.M. 1.5 4.3 10.6 14.6 18.4 19.7 17.0 14.6 12.0 7.9 -3.4 -24.5 -21.7 -15.4 -11.4 -7.6 -6.3 -9.0 -11.4 -14.0 -18.1 -22.6 82. 78. 50. 43. 30. 18.4 9. 9. 18. 42.9		
+50	26.053	S.M. -24.5 -20.0 -15.6 -12.0 -8.0 (-6.6) -9.0 -12.3 -13.8 -20.7 78. 76. 53. 48. 37. 18.9 9. 9. 40.0		
529	26.059	S.M. 1.5 4.3 10.6 15.3 15.9 17.6 15.7 13.0 6.1 4.7 -24.5 -21.8 -15.5 -10.8 (-10.4) -8.5 -10.4 -13.1 -19. -21.4 81. 80. 52. 30. 24.6 9. 9. 18. 41.1		
528 +50	26.065	S.M. 1.6 3.6 8.8 10.5 12.2 17.7 14.9 15.4 12.4 7.2 6.1 -24.5 -22.7 -19.3 -15.6 -13.9 (-8.4 -7.2 -10.2 -13.7 -18.9 -20.0 84. 82. 73. 52. 49. 21.6 9. 9. 25. 39.0		

1903

Sta. | Grade. | Z. | C. | R

Original Cross Sections Pro' Rect. Dist. #744.

Sta.	Grade.												
542	25.905	S.M. 1.8	4.2	10.1	17.9	20.0	18.7	14.7	13.0	11.1	7.8	5.2	
T.P. 16.101		-24.1	-21.7	-15.2	-8.0	(-5.4)	7.0	-11.2	-12.9	-14.8	-18.1	-20.7	
Note 541+50		85.	82.	53.	28.	17.1	11.		9.	13.	33.	40.0	
+ 50		S.M. -24.1	-23.3	-15.5	-13.0	(-7.3)	-6.0	-7.3	-10.6	-13.5	-15.9	-19.0	
		92	90.	50.	46.	20.	16.	9.		9.	13.	39.5	
541	25.917	S.M. 1.8	2.7	10.6	12.1	17.8	19.9	18.7	15.6	13.7	10.3	7.4	6.6
		-24.1	-22.2	-13.3	-13.8	-8.1	(-6.0)	-7.7	-10.3	-12.2	-15.6	-18.5	-19.3
		91	88.	50.	47.	28.	18.0	9.		9.	21.	34.	38.0
+ 50		S.M. -24.1	-22.3	-15.5	-12.6	-8.0	(-5.7)	-6.8	-10.1	-13.1	-17.3	-20.8	
		85.	82.	49.	44.	27.	17.6	9.		9.	22.	40.2	
540	25.929	S.M. 1.8	4.5	10.4	13.0	14.6	19.7	20.0	17.6	14.9	10.4	5.3	
		-24.1	-21.4	-15.5	-12.9	-9.3	-6.2	-5.6	-8.3	-11.0	-15.5	-20.6	
		80.	76.	50.	45.	35.	18.3	9.		9.	20.	39.9	
+ 50		S.M. -24.1	-21.4	-15.3	-12.7	-7.6	(-5.3)	-5.5	-9.2	-13.4	-16.3	-21.4	
		81.	78.	48.	44.	29.	17.0	9.		9.	17.	41.1	
539	25.941	S.M. 1.8	4.1	11.4	14.1	17.1	20.6	18.9	15.0	12.2	4.9	2.2	
		-24.1	-21.8	-15.5	-11.8	-8.8	(-5.0)	-7.1	-10.9	-13.7	-21.0	-22.7	
		83.	80.	47.	43.	34.	17.0	9.		9.	33.	43.0	
+ 50		S.M. -24.1	-21.6	-15.4	-11.3	-8.9	-5.1	-6.1	-9.9	-11.7	-15.5	-19.2	
		85.	81.	48.	44.	36.	16.6	9.		9.	20.	37.8	
538	25.953	S.M. 1.8	4.5	10.7	14.0	18.1	20.6	19.8	17.5	15.2	9.8	4.8	
		-24.1	-21.4	-15.2	-11.9	-7.8	(-5.3)	-6.1	-8.4	-10.7	-16.1	-19.1	
		84.	82.	47.	41.	29.	17.0	9.		9.	25.	37.6	
+ 50		S.M. -24.1	-21.2	-15.5	11.7	-7.0	-5.1	-5.4	-7.5	-10.8	-14.9	-18.8	
		80.	79.	47.	42.	27.	16.6	9.		9.	17.	37.2	
537	25.965	S.M. 1.9	4.7	5.8	7.4	12.5	17.8	17.7	17.2	17.0	13.5	10.	7.9
		-24.1	-21.2	-20.2	-15.6	-13.5	-8.2	-6.3	-6.8	-9.0	-12.5	-16.0	-18.1
		80.	78.	73.	46.	43.	30.	18.4	9.		9.	21.	36.2
+ 50		S.M. -24.1	-20.8	-15.5	-11.2	(-7.1)	-6.0	-9.2	-11.1	-17.1			
		77.	72.	43.	36.	19.6	9.		9.	34.6			
T.P. 14.537 Note 536+50		S.M. 1.9	6.2	10.4	16.2	18.5	17.5	11.3	16.9	15.0	9.5	5.6	
536	25.977	-24.1	-19.8	-15.6	-10.8	-7.5	(-6.5)	-6.7	-9.1	-11.0	-16.5	-20.4	
		73.	68.	44.	37.	25.	18.8	9.		9.	32.	39.6	
535 + 50		S.M. -24.1	-20.2	-15.4	-10.8	-7.3	(-6.2)	-7.6	-9.6	-12.5	-18.7		
		77.0	72.	40.	35.	26.	18.4	9.		9.	37.0		

19061

Original Cross Sections thro' Recl. Dist. #744.

Jan 28/10

Station	Grade	Elevations
548 + 76.4		S.W. 2.7 3.5 6.3 8.8 11.0 15.3 17.9 18.9 15.9 11.5 8.6 5.2 2.3 -23.8 -22.3 -20.5 -17.0 -14.8 -10.5 -7.9 (-7.4) -10.4 -14.3 -17.2 -20.6 -23.5 88. 87. 69. 64. 50. 38. 30. 20.1 9. 9. 28. 44.2
548 + 16.4 B.C T.1		S.W. -24.1 -22.3 -15.4 -12.4 -7.7 -7.4 -9.9 -14.1 -17.0 -23.5 -23.8 90. 85. 53. 47. 30. 20.1 9. 9. 32. 44.7
548	25 834	S.W. 1.7 2.7 10.5 12.3 12.0 18.3 15.6 12.0 9.9 4.3 2.0 -24.1 -21.9 -15.3 -13.5 -7.8 (-7.5) -10.2 -13.8 -15.9 -21.5 -23.8 89. 84. 53. 49. 31. 20.2 9. 9. 27. 44.7
T. P 12.384 547+76 + 50		S.W. -24.1 -21.2 -15.3 -13.5 -8.3 (-6.7) -11.0 -14.0 -16.3 -21.0 -23.7 89. 83. 52. 50. 29. 19.0 9. 9. 24. 44.6
547	25 846	S.W. 1.7 4.2 6.3 10.6 12.6 18.1 14.8 11.6 8.7 2.1 -24.1 -21.6 -19.5 -15.2 -9.2 -7.7 -11.0 -14.2 -17.1 -23.7 89. 84. 76. 53. 35. 20.6 9. 9. 44.6
+ 50		S.W. -24.1 -22.4 -19.4 -15.1 -12.0 -7.3 -7.2 -11.8 -13.6 -16.5 -22.2 -23.5 90. 88 77. 53. 47. 29. 19.8 9. 9. 30. 44.2
546	25. 851	S.W. 1.7 4.3 10.6 14.5 18.4 17.2 14.0 11.0 9.1 2.6 2.5 -24.1 -21.5 -15.2 -11.3 -7.4 (-8.5) -11.8 -14.8 -16.4 -19.2 -23.3 88. 83. 55. 46. 28. 21.8 9. 9. 15. 44.0
+ 50		S.W. -24.1 -21.9 -15.0 -13.4 -7.2 (-7.4) -10.5 -12.3 -15.4 -22.3 -23.8 90. 86. 53. 50. 29. 20.1 9. 9. 32. 44.7
545	25.869	S.W. 1.7 4.5 10.6 12.8 16.2 15.2 17.2 14.6 11.2 7.1 8.8 2.5 -24.1 -21.2 -15.2 -13.0 -9.0 -7.6 (-8.6) -11.2 -14.6 -15.7 -17.0 -23.2 87. 82. 55. 50. 35. 28. 21.9 9. 9. 19. 44.0
+ 50		S.W. -24.1 -22.1 -15.3 -12.5 -7.7 (-8.0) -10.7 -13.2 -14.9 -18.1 -20.1 90. 87. 59. 50. 31. 21.0 9. 9. 16. 39.2
544	25.8809	S.W. 1.7 3.9 10.4 12.6 16.2 18.3 17.0 13.3 10.3 7.2 5.3 -24.1 -21.9 -15.4 -13.4 -9.5 (-7.5) -8.8 -12.5 -15.5 -18.6 -20.5 84. 80. 55. 50. 35. 20.2 9. 9. 21. 39.8
+ 50		S.W. -24.1 -21.2 -15.7 -13.4 -10.7 (-7.5) -9.0 -12.0 -14.6 -16.6 -20.6 82. 77. 55. 49. 36. 20.2 9. 9. 16. 39.9
543	25.8928	S.W. 1.8 6.2 10.7 14.2 17.6 20.4 17.6 14.4 10.9 5.9 -24.1 19.7 -15.2 -11.7 -8.3 (-5.5 -8.3 -11.5 -15.0 -20.5 92. 80. 55. 49. 31. 17.2 9. 9. 39.8
542 + 50		S.W. -24.1 -19.9 -15.4 13.7 -8.1 (-5.1) -7.0 -11.0 -13.2 17.8 -20.0 88. 80. 58. 54. 32. 16.6 9. 9. 20. 39.0

1905

Sta.	P	Grade.	L.	C.	R.	
555 + 44.1			SW -24.2 -19.2 14.0 -11.3 -8.6 -6.6 -6.7 (+7.7) -11.4 -15.7 70. 66. 46. 44. 35. 33. 25. 20.6 9.	-18.6 -22.1 -23.2 9. 25. 43.8		Aug 30/10 on left
BM. 3.149 250' Rt of 554+84. in Fence						
554 + 84.1	CCT.	25.752	SW 1.6 4.1 6.7 7.8 13.9 19.1 19.2 16.2 10.4 8.9 -24.2 -21.7 -19.1 -15.0 -11.9 -6.6 -6.6 (-9.6) -15.4 -17.1 80. 77. 73. 53. 50. 36. 32. 23.4 9.	7.9 5.5 2.6 -18.1 -22.3 -23.2 9. 23. 43.8		
+ 50			SW 1.5 3.5 6.2 11.2 13.9 18.3 18.6 15.2 12.1 9.6 -24.2 -22.3 -19.6 -14.6 -11.9 -7.6 -7.2 (-10.1) -13.7 -16.2 84. 81. 79. 56. 54. 40. 32. 24.2 9.	7.5 5.2 2.6 2.4 -18.3 -19.9 -23.2 -23.4 9. 21. 31. 44.1		
554		25.762	SW 3.5 6.3 10.9 14.3 17.8 18.4 15.3 13.2 10.6 9.0 -24.2 -23.3 -19.5 -14.9 -11.5 -7.0 -7.2 -10.5 (-12.6) -15.2 -16.8 101. 100. 95. 69. 66. 49. 41. 35. 27.9 9.	8.2 5.2 2.4 2.3 -17.6 -20.6 -23.4 -23.5 9. 32. 39. 44.2		
+ 50			SW -24.3 118. -23.4 -19.6 -15.0 -10.9 -5.4 -5.0 -7.6 (-13.0) -17.1 -18.8 114 107. 85. 80. 67. 55. 45. 28.3 9.	-20.5 -22.3 -23.7 9. 14. 44.6		
553		25.774	SW -24.3 -23.0 -20.4 -14.5 -11.8 -6.9 -4.4 -7.4 (-16.0) -19.7 -22.2 127. 123. 98. 94. 82. 69. 55. 33. 9.	3.5 2.5 -22.8 -23.8 9. 44.7		
+ 50			-20.1 -15.0 -12.0 -6.7 -6.1 -12.6 -14.9 -19.7 -21.0 SW 124 96. 72. 79. 63. 44. 31.4 9.	-22.2 -24.0 9. 45.0		
552		25.786	SW 5.1 7.4 12.6 17.7 19.7 15.5 12.4 7.3 4.8 -24.3 -22.7 -18.4 -12.2 -8.1 -6.1 -10.3 (-13.4) -18.5 -21.0 117. 116. 104. 80. 68. 49. 40. 29.1 9.	3.5 2.4 1.9 -22.3 -23.4 -23.9 9. 18. 44.9		
+ 50			SW -24.3 -22.5 -19.6 -18.0 -14.7 -8.2 -6.8 (-11.0) -17.4 -19.9 108. 107 97. 86. 69 49. 37. 25.5 9.	-21.5 -22.6 -24.0 9. 24. 45.0		
551 August 30/10 on left		25.798	SW 5.5 3.5 5.0 11 14 15.7 18. 16.2 11.5 7.4 -24.3 -22.3 -20.8 -14.8 -11.8 -10.1 -7.8 (-9.6) -14.3 -16.4 97.5 97. 93. 88. 55. 43. 29. 23.4 9.	6.7 4.4 2.3 1.8 -19.1 -21.4 -23.5 -24.0 9. 12. 29. 45.0		
550 + 56.4		25.803	SW 1.5 3.3 10.2 15.5 17.2 17.2 13.3 10.2 -24.3 -21.9 -14.9 -10.3 -8.7 (-8.1) -12.5 -15.7 91.0 88. 52. 36. 33. 21.3 9.	7.2 3.9 1.2 -18.5 -21.9 -23.9 9. 20. 44.9		
549 + 96.4			SW 2.0 4.3 6.2 7.8 10.9 19.6 17.2 17.5 14.9 11.5 -23.8 -21.5 -19.5 -18.5 -14.9 -11.2 -8.6 (-8.3) -11.4 -14.3 88. 86 79. 66. 50. 44. 31. 21.4 9.	8.8 4.1 2.1 -17.0 -21.7 -23.7 9. 23. 44.6		
549 + 36.4			SW 2.2 4.5 5.3 6.5 11.2 14' 17.2 18.2 14.5 11.6 -23.8 -21.2 -20.5 -19.0 -14.8 -11.7 -8.6 (-7.6) -11.3 -14.2 89. 85. 81. 76. 53. 48. 31. 20.4 9.	8.3 3.6 2.1 -17.5 -22.2 -23.7 9. 23. 44.6		

Sta.	Grade	L.	℄	R.
		Sept 1st on left	Original Cross Sections third Recl. Dist. #744.	
		S.W.		
+ 50		24.1 22.4 -21.4 -15.1 -12.5 -7.3 (-6.8) -9.9 -13.0 -15.6 -18.6 -22.4 -23.0 85. 85. 83. 49. 46. 28. 19.2 9.		
T.P. 17.819.				
562	25.666	Aug 30/10 -24.2 -22.8 -20.1 -14.2 -11.3 -7.9 (-8.3) -11.5 -14.3 -17.4 -20.3 -22.1 -22.8 83. 82. 72. 45. 42. 30. 21.4 9.	3.4 5.4 11.5 14.9 17.8 17.4 14.2 11.4 8.3 5.4 3.6 2.8	
		S.W.		
+ 50		-24.2 22.3 -14.7 -11.4 (-8.2) -10.6 -14.6 -17.1 -19.1 -21.5 80. 43. 40. 21.3 9. 9. 25. 41.2		
561.	25.678.	S.W. 2.5 -24.2 -22.1 -14.1 -11.9 -9.4 (-8.1) -11.7 -14.9 -17.1 -21.1 -22.9 81. 79. 42. 41. 25. 21.2 9. 9. 29. 43.4	3.6 7.6 11.8 13.8 16.4 17.6 14.0 10.8 8.6 4.6 2.8	
		S.W.		
+ 50		-24.2 23.6 -19.7 -14.9 -12.2 -9.9 -6.5 (-6.1) -8.9 -13.5 -16.0 -20.1 -22.0 80. 80. 68. 43. 41. 30. 26. 18.2 9. 9. 29. 42.0		
560	25.690	1.5 -24.2 -22.1 -19.4 -14.2 -11.4 -9.5 -7.4 (-7.7) -11.2 -14.5 -17.5 -20.6 -22.0 77. 76. 69. 42. 40. 29. 26. 20.6 9. 9. 25. 42.0	3.6 6.3 11.5 14.3 16.2 18.3 18.0 14.5 11.2 6.2 5.1 3.7	
		S.W.		
+ 50		-24.2 -21.4 -19.4 -13.9 -11.4 -9.5 -7.3 (-6.8) -7.3 -11.0 -15.8 -19.3 -21.8 76. 76. 71. 43. 41. 21. 29. 18.0 9. 9. 24. 41.7		
559	25.702	S.W. 2.5 -24.2 -20.5 -14.8 -11.7 (-7.7) -8.0 -11.9 -15.7 -19.1 -21.8 72. 71. 45. 42. 20.6 9. 9. 23. 41.7	5.2 10.9 14.6 18.0 17.7 12.8 10.0 6.6 3.9	
		S.W.		
+ 50		-24.2 -23.6 -19.1 -14.3 -11.4 -7.9 (-6.6) -9.7 -11.8 -14.7 -18.1 -22.0 72. 72. 65. 46. 44. 36. 18.9 9. 9. 23. 42.0		
558	25.714	S.W. 2.5 -24.2 -23.4 -19.6 -14.3 -10.6 -7.2 -7.0 -7.3 -10.4 -15.0 -20.2 -22.8 72. 71. 66. 44. 40. 28. 19.5 9. 9. 24. 43.2	2.3 6.1 11.4 15.1 18.5 18.7 15.4 13.3 10.7 5.5 2.7	
557 + 54.1 E.C.	25.720.	S.W. 1.5 -24.2 -21.3 -19.1 -15.0 -11.7 (-7.4 -8.1 -10.4 -13.3 -18.8 -22.0 66.5 66. 64. 41. 37. 20.1 9. 9. 20. 42.0	4.4 6.5 10.2 14.3 18.2 17.6 15.2 12.4 6.9 3.2	
Stake. 557 + 24.1	25.723	Aug 30/10 on left S.W. 1.5 -24.2 -19.0 -15.2 -12.1 (-8.3 -8.9 -11.3 -14.8 -19.2 -22.3 65. 60. 40. 36. 21.4 9. 9. 17. 42.4	6.7 12.5 13.6 17.4 16.8 14.4 10.9 6.5 3.4	July 15/10
556 + 64.1		S.W. 1.5 -24.2 -19.9 15.0 -11.6 (-7.4) -9.3 -12.6 -15.5 -21.4 -22.7 62. 62. 39. 35. 20.1 9. 9. 26. 43.0	5.2 10.2 14.1 18.2 16.2 13.1 10.2 4.2 3.2	
556 + 04.1	25.738	S.W. 1.5 -24.2 -19.3 -14.9 -12.2 -9.4 -7.1 -6.9 -7.4 -9.8 -12.8 -17.0 -21.9 -22.7 64. 62 40. 37. 28. 26. 19.4 14. 9. 9. 25. 43.0	6.4 10.8 13.5 16.3 18.6 18.2 18.3 15.9 12.7 8.7 3.8 3.0	

Original Cross Sections Thru Red Dist #744

Sta.	Grade	L	C	R
		1.8 5.4 6.6 11.8 13.7 15.1 14.8 18.4 15.1 18.4 9.2 14.6 4.6		
+50	25.589 (Sta 3' on left)	S.W. -23.8 -20.9 -19.1 -13.8 -11.9 (-9.9) 6.0 -6.8 -10.0 -12.2 -16.4 -21.0 -21.0 71. 69. 59. 38. 36. 23.9 18. 9. 9. 22. 38. 40.5		
		3.1 5.3 6.7 11.0 12.5 14.9 17.6 17.3 11.2 14.9 10.6 7.6 4.2 4.0		
568	25.595	S.W. -24.0 -22.5 -20.3 -18.7 -14.6 -10.7 -8.7 (-6.0) -6.2 -8.0 -10.7 -15.0 -18.0 -21.4 -21.0 71. 69. 65. 60. 44. 42. 32. 18.0 14. 9. 9. 21. 37. 40.5		
567+64.6		S.W. -24.0 -21.3 -17.8 -14.1 -11.2 -8.8 (-6.2) -8.3 -10.9 -14.5 -18.0 -21.5 -22.1 73. 72. 56. 46. 39. 22. 18.3 9. 9. 18. 36. 42.2		
567+04.6	25.606	S.W. 2.6 -24.0 4.9 -20.7 10.8 -15.3 13.5 -12.1 14.9 -10.7 18.9 -6.7 (-6.7) 19.9 -8.9 16.7 -13.9 11.9 -16.6 9.0 -20.0 5.6 -24.9 3.7 -33.6 -22.0 79. 77. 60. 46. 31. 25. 19.0 9. 9. 24. 33. 42.0		
566+44.6		S.W. 1.5 -24.1 4.2 -21.4 6.4 -19.2 10.3 -15.3 13.2 -12.4 15.4 -10.2 18.2 -6.9 18.5 (-6.8) 15.2 -10.4 11.5 -13.8 8.0 -17.6 5.5 -20.1 3.2 -23.4 3.3 -22.3 78. 78. 70. 48. 46. 32. 28. 19.2 9. 9. 22. 37. 42.4		
566	25.619	S.W. 2.5 -24.1 4.3 -21.3 10.2 -15.4 12.4 -13.2 16.2 -9.4 18.1 -7.5 18.3 (-7.3) 13.9 -11.7 10.7 -14.9 7.9 -17.7 2.6 -20.0 3.2 -22.6 3.6 -22.0 79. 78 50. 48. 30. 28. 20.0 9. 9. 20. 35. 42.0		
+50		S.W. -24.1 -22.2 -19.9 -15.3 -9.5 7.6 (-6.7) -10.3 -13.9 -16.9 -19.9 -22.8 -22.5 82 82 70. 50. 32. 27. 19.0 9. 9. 21. 33. 42.8		
565	25.630	S.W. 2.5 -24.1 4.6 -21.0 5.7 -19.9 9.8 -15.8 10.0 -9.6 18.4 -6.2 17.4 -6.2 17.3 -8.3 14.3 -11.3 10.9 -14.7 5.3 -20.3 2.6 -23.0 2.8 -22.7 81. 81. 68. 49. 29. 18.3 14. 9. 9. 21. 38. 43.0		
+50		S.W. -24.1 -21.1 -15.3 9.5 -7.9 (-6.6) 7.0 -10.7 -14.4 -19.2 -23.1 -22.7 80. 80. 48. 29. 26. 18.9 9. 9. 27. 35. 43.0		
564.	25.642	S.W. 2.5 -24.1 4.2 -21.4 7.5 -18.1 10.5 -15.1 12.0 -13.6 15.8 -9.8 17.5 -7.1 18.8 (-6.8) 17.9 -7.7 15.2 -10.4 12.1 -13.5 8.2 -17.4 4.5 -21.1 3.9 -22.3 75. 66. 60. 46. 45. 32. 24. 19.2 9. 9. 24. 36. 42.4		
+50		S.W. -24.1 -21.0 -14.9 -12.5 -9.8 -8.4 (-7.0) -8.0 -10.4 -13.6 -18.6 -23.1 -23.3 72. 71. 45. 44. 31. 26. 19.5 9. 9. 22. 35. 44.0		
563	25.654	2.4 -23.2 4.1 -21.5 5.7 -19.9 8.4 -15.2 13.2 -12.4 16.3 -10.3 19.3 -7.3 19.2 (-6.4) 17.6 -8.0 14.5 -11.1 11.4 -14.2 7.8 -17.8 2.6 -23.0 2.3 -23.3 78. 76. 72. 50. 45. 33. 30. 18.6 9. 9. 22. 33. 44.0 S.W. -24.1 81.0		

Sta.	P	Grade	L	C.	R.
			Original Cross Sections thro' Recl. Dist. # 744		
575	16.8	25.510	SW 1.7 5.9 7.5 11.6 13.1 15.3 20.3 21.7 17.6 17.6 12.4 8.7 5.3 5.1 -23.8 -19.6 -18.0 -14.5 -12.4 -10.3 4.8 (-4.5) -5.9 -10.9 -13.2 -16.8 -19.8 -20.4 74. 74. 62. 48. 44. 31. 25. 15.8 9 9. 19. 33. 39.6		
574	+ 51.8		SW 1.2 4.2 7.2 11.2 13.2 16.2 20.2 20.8 19.2 14.2 10.2 8.3 4.2 4.2 -23.8 -20.9 -18.0 -14.2 -12.5 -8.6 -5.2 (-4.7) -6.0 -11.5 -15.0 -17.2 -20.6 -20.8 76. 75. 64. 50. 48. 35. 27. 16.0 9. 9. 18. 32. 40.2		
573	+ 91.8 C.C.	25.524	SW 4.7 4.5 7.5 11.5 13.2 15.7 19.4 20.1 18.0 15.5 11.8 8.2 4.8 4.6 -23.8 -21.0 -18.0 -14.0 -12.2 -9.8 -6.1 (-5.4) -7.5 -10.0 -13.7 -17.3 -20.7 -20.9 77. 77. 61. 47. 45. 33. 27. 17.1 9. 9. 22. 35. 40.4		
	+ 50	25.530	SW -23.8 -20.7 -18.0 -14.5 -13.3 -9.7 -7.1 (-5.3) -5.3 -8.5 -12.6 -16.7 -20.7 77. 77. 61. 51. 49. 34. 29. 16.8 9. 9 20. 40.0		
573		25.536	SW 1.7 4.8 7.5 11.3 12.5 15.7 17.5 20.4 19.5 15.7 12.5 7.7 5.4 5.1 -23.8 -20.7 -18.0 -14.2 -12.0 -9.6 -6.0 (-5.2) -6.0 -9.8 -13.0 -17.6 -20.1 -20.4 77. 75. 63. 51. 49. 33 27. 16.8 9. 9. 23. 35. 39.6		
	+ 50		SW -23.8 -21.0 -17.5 -14.6 -12.5 -9.7 -5.4 (-6.1) -8.8 -11.8 -14.8 -20.1 -21.3 -21.7 80. 79 61. 49. 47. 32. 26 18.2 9. 9. 25. 35. 41.6		
572		25.548	SW 1.7 3.2 7.1 13.2 13.5 17.3 19.5 17.4 14.5 9.2 5.9 3.2 3.0 -23.8 -22.3 -16.4 -12.3 -10.0 -6.0 (-5.7) -8.1 -11.5 -15.7 -19.6 -22.3 -22.5 79. 77. 59. 45. 30. 27. 19.6 9. 9 28. 39. 42.8		
	+ 50		SW. -23.8 -20.6 -17.8 -14.4 -11.7 -9.2 -6.4 (-6.0) -8.0 -10.5 -15.2 -18.9 -21.4 76. 76. 58. 46. 49 38. 24. 18.0 9. 9. 27. 41.1		
571		25.560	SW 1.7 4.8 8.4 14.8 13.4 16.5 20.4 17.6 14.2 10.9 7.9 3.9 3.2 -23.8 -20.7 -17.1 -14.7 -12.1 -9.0 (-5.9) -6.5 -11.3 -14.6 -17.6 -21.6 -22.3 78. 77. 61. 48. 44. 38. 17.1 9. 9. 21. 34. 47.4		
	+ 50		SW -23.8 -21.4 -19.1 -14.8 -13.5 -8.0 -6.0 (-5.0) -7.6 -10.3 -14.2 -18.1 -21.2 -21.2 73. 72. 63. 50. 48. 24. 24. 16.5 9. 9. 22. 33. 40.8		
BM. 6.510 on Willow 250' R' of 570+25.					
570		25.571	SW 1.8 5.8 5.5 11.1 13.7 16.8 19.3 18.7 14.2 11.9 7.7 4.4 4.3 -23.8 -21.8 -19.1 -14.5 -11.9 8.8 (-6.3) -6.9 -11.4 -13.7 -17.9 -21.2 -21.3 75. 74. 62. 45. 39. 24. 18.4 9. 9. 22. 34. 41.0		
	+ 50		S.W -23.8 -21.5 -19.1 -14.4 -12.6 -9.2 (-6.6) -6.9 -9.7 -12.8 -17.2 -20.5 -20.7 70. 70. 59. 41. 39. 22. 18.9 9. 9. 24. 35. 40.0		
569.		25.583	SW 1.8 4.3 6.5 11.2 12.7 15.7 16.2 19.8 19.9 16.7 14.1 9.8 5.4 -23.8 -21.3 -19.1 -14.4 -12.7 (-9.7) -9.4 -5.8 -5.7 -8.7 -11.5 -15.8 -20.2 65. 64. 58. 27. 35. 23.6 20. 15. 9. 9. 20. 29.3		

Grade L C R

Original Cross Sections Thro' Recl. Dist. #744

582	25.429	SW 7.7	6.9	7.8	10.8	12.3	16.4	18.9	17.2	17.4	12.5	11.9	7.5	6.8			
		-23.7	-18.5	-17.6	-14.6	-13.1	-10.0	-6.5	-6.2	(-7.5)	-11.9	-13.5	-14.9	-18.6			
		84.	80.	71.	56.	55.	39.	34.	25.	20.2	9.		9.	36.9			
+ 50		SW															
		-23.7	-19.7	-14.7	-10.7	-6.9	(-6.3)	-9.4	-13.0	-14.6	-18.0	-18.6					
		82	81	54.	37.	33.	18.4	9.		9.	32.	36.9					
581	25.441	SW 7.7	6.1	8.4	10.8	11.9	14.8	19.1	19.7	17.8	13.0	11.2	6.2	4.8			
		-23.7	-19.3	-17.0	-14.6	-13.5	-10.6	-6.3	(-5.7)	-7.6	-12.4	-14.2	-19.2	-20.6			
		83.	81.	65.	55.	53.	35.	30.	17.6	9.		9.	31.	39.9			
+ 50		SW.															
		-23.7	-20.5	-17.6	-14.6	-13.0	-10.1	-6.2	(-6.5)	-9.7	-12.3	-15.5	-19.4	-22.0			
		80.	80.	65.	52.	50.	32.	30.	18.8	9.		9.	26.	42.0			
580	25.452	SW 7.7	3.9	6.1	8.9	10.3	12.3	14.8	18.6	19.2	18.2	14.8	10.8	9.1	7.2	3.9	2.8
		-23.7															
		84.	-21.5	-19.3	-17.0	-14.5	-13.1	-10.6	-6.8	-6.2	-7.2	-10.6	-14.6	-16.4	-18.2	-21.5	-22.6
			82.	71.	63.	53.	51.	35.	30.	24.	19.8	9.		9.	14.	34.	42.9
+ 50		SW.															
		-23.7	-22.0	-18.5	-14.4	-13.1	-10.6	6.7	(-5.5)	-8.8	-13.0	-15.0	-16.7	-19.6	-21.0		
		85.	83.	68.	52.	51.	35	31.	17.2	9.		9	14.	28.	40.5		
579	25.464	SW. 7.7															
		-23.7															
		81.5	6.9	10.4	12.1	15.3	20.1	21.3	20.4	16.7	11.7	10.1	7.9	6.3	4.6	4	
		-22.9	-18.5	-15.0	-13.3	-10.1	-5.3	-4.1	(-5.0)	-8.5	-13.5	-15.3	-17.5	-19.1	-20.8	-21.3	
			80.	64.	50.	48.	33.	27.	18.	16.5	9.		9.	21.	25.	35.	41.0
+ 50		SW.															
		23.6															
		79															
		-23.0	-19.8	-16.3	-13.4	-11.3	-7.3	-5.5	(-5.4)	-8.2	-13.4	-16.1	-18.4	-19.8	-21.7	-21.7	
		78.	67.	57.	48.	36.	32	27.	17.1	9.		9.	17.	24.	33	41.6	
Sept 21/10																	
578	25.476	SW 7.5	2.8	11.3	12.5	14.0	18.0	19.7	17.5	12.6	10.7	8.6	4.2	3.2			
		-24.0	-22.7	-14.2	-13.0	-11.5	-7.5	(-5.6)	-8.0	-12.9	-14.8	-16.9	-21.6	-21.9			
		80	79	48.	46.	37.	33.	17.4	9.		9.	16.	34.	41.9			
+ 50		SW															
		-24.0	-20.6	14.4	-13.2	-10.0	-7.7	-4.8	(-5.3)	-7.3	-12.9	-14.7	-17.1	-19.2	-20.1		
		81	80	57.	56.	38.	37.	29.	17.0	9.		9.	24.	30.	39.2.		
577	25.488	SW 7.5	5.5	11.7	12.3	15.1	14.4	21.7	21.4	18.2	14.2	12.5	8.7	5.9	4.6	5.4	
		-24.0	-20.0	-14.8	-13.2	-10.4	-9.	-3.8	(-4.5)	-7.3	-11.3	-15.0	-16.8	-19.6	-20.9	-20.1	
		82.	80.	69.	67.	42.	40.	30.	15.8	9.		9.	21.	29.	36.	39.2	
Sept. 21/10		SW															
+ 50		-24.0	-20.0	-14.4	-13.1	-10.6	-8.2	-3.4	(-4.6)	-6.5	-10.3	-13.0	-15.7	-18.7	-19.2		
+ P. 21.035		80.	79.	57.	55.	43.	41.	24.	15.9	9.		9.	22.	32.	38.8		
576	25.500	SW 7	5.2	9.9	12.1	15.2	20.9	21.3	20.5	15.6	12.4	10.1	8.2	7.2			
		-23.8	-20.3	-15.6	-13.4	-10.3	-4.6	(-4.2)	-5.0	-9.9	-13.1	-15.4	-17.3	-18.3			
		77.	77.	56.	50.	35.	23.	15.3	9.		9.	19.	25.	36.4			
575 + 50		SW.															
		-23.8	-20.0	-18.0	-14.9	-10.6	-4.2	(-3.8)	-5.1	-8.7	-12.8	-14.9	-19.0	-19.4			
		75.	73.	60.	49.	32.	21.	14.7	9.		9.	14.	34.	38.1			

Grade — Z — R. 50

Original Cross Sections thru Recl. Dist. #744

589		25.345	SW 1.7	2.3	3.5	4.7	10.5	14.9	17.3	17.6	18.6	18.7	9.6	4.5	2.5	2.4
			-23.6	-23.0	-21.8	-20.6	-14.8	-10.4	-8.0	(-5.7)	-6.7	-12.1	-15.7	-20.8	-22.8	-22.9
			83	83.	77.	69.	48.	33.	30.	17.6	9.		9.	30.	40.	43.4
	+ 50		SW.													
			-23.6	-23.5	-22.8	-14.9	-12.9	-11.0	-7.4	(-6.6)	-8.4	-12.2	-15.1	-20.5	-23.6	-22.8
			86	86.	70.	47.	45.	34.	30.	18.9	9.		9.	23.	40.	43.2
588.	T.P. 12,800	25.357	SW 1.8	2.8	4.7	11.2	12.5	15.0	17.4	17.8	16.4	13.0	10.3	7.2	4.0	
			-23.6	-22.6	-20.7	-14.2	-12.9	-10.4	-8.0	-7.6	-9.0	-12.4	-15.1	-18.2	-21.4	
			79.	79.	69.	45.	44.	30.	28.	20.4	9.		9.	17.	41.1	
	+ 50		SW													
			-23.6	-21.2	-14.4	-13.0	-10.8	-7.8	(-8.2)	-11.2	-14.2		-17.5	-19.7	-22.0	-22.1
			83.	72.	46.	44.	29.	26.	21.3	9.			9.	24.	38.	42.2
587		25.369	SW 1.8	4.6	14.7	12.3	14.6	17.2	17.4	14.0	11.3		8.7	6.1	3.8	2.5
			-23.6	-20.9	-10.7	-13.1	-10.8	-8.2	(-8.3)	-11.4	-14.1		-16.7	-19.3	-21.6	-22.9
			85.	75.	48.	46.	31.	29.	21.4	9.			9.	16.	28.	43.4
	+ 50		SW													
			-23.6	-21.7	-14.4	-12.8	-10.6	-7.6	-7.6	(-8.7)	-12.1	-15.2	-17.7	-21.5	-22.7	-22.7
			88.	87.	52.	50.	37.	34.	26.	22.0	9.		9.	26.	39.	43.0
586		25.381	SW 1.8	3.4	5.9	10.9	12.5	15.2	18.4	18.2	15.1	12.6	9.8	5.7	5.0	
			-23.6	-22.0	-20.1	-14.5	-12.9	-10.2	-7.0	(-7.2)	-10.3	-13.2	-15.6	-19.7	-20.4	
			88.	87.	78.	53.	51.	36.	33.	19.8	9.		9.	26.	39.6	
			SW.													
			-23.6													
			85.													
	+ 50		-22.0	-19.9	-18.0	-14.7	-12.5	-10.7	-6.6	-5.6	(-6.6)	-10.4	-12.8	-15.9	-18.0	-20.3	-21.6
			85.	74.	67.	52.	49.	39.	34.	23.	18.9	9.		9.	18.	26.	41.4
585		25.393	SW 1.8	4.9	5.9	11.1	12.6	14.8	18.7	17.8	14.7	12.4	8.9	6.8	4.4	4.2
			-23.6	-20.5	-19.5	-14.3	-12.8	-10.6	-6.7	(-7.6)	-10.7	-13.0	-16.5	-18.6	-21.0	-21.2
			77.	77.	72.0	49.	48.	34.	30.	20.4	9.		9.	19.	35.	40.8
	+ 50		SW.													
			-22.6	-20.4	-18.0	-14.9	-13.1	-10.2	-6.4	-5.9	(-7.2)	-10.2	-14.1	-15.2	-20.0	-21.8	-21.7
			84.	80	66.	54.	33.	36.	34.	24.	20.0	9.		9.	24.	38.	41.6
584		25.405	SW 1.8	5.7	7.4	11.1	12.7	14.7	17.0	19.1	18.5	16.4	12.5	10.2	7.5	4.6	4.7
			-23.6	-19.7	-18.0	-14.3	-12.5	-10.7	-7.8	-6.3	(-6.9)	-9.0	-12.9	-15.2	-17.9	-20.8	-20.7
			82	81.	68.	51.	50.	38.	35.	31.	19.9	9.		9.	21.	38.	40.
	+ 50		SW.													
			-23.6	-19.4	-18.0	-14.3	-12.3	-10.2	-6.7	(-5.9)	-9.4	-12.6		-14.3	-16.0	-19.0	-20.2
			81.	81.	73.	54.	52.	38.	34.	17.9				9.	13.	30.	39.3
583		25.417	SW 1.8	6.6	11.0	12.8	14.9	19.4	19.4	18.8	15.6	13.1	9.9	6.9	5.7	5.4
			-23.6	-18.8	-14.4	-12.6	-10.5	-6.0	-6.0	(-6.6)	-9.8	-12.3	-15.5	-18.5	-19.7	-20.0
			85.	82.	57.	55.	42.	33.	24.	18.9	9.		9.	27.	34.	39.0
582	+ 50		SW.													
			-23.7	-19.0	-14.4	-12.8	-10.9	-6.7	(-6.8)	-9.9	-12.6		-15.2	-18.9	-18.9	
			83.	82.	57.	55.	40.	32.	19.2	9.			9.	26.	37.4	

Sta.	Grade	L.	C.	R.

Original Cross Sections thro' Recl. Dist #744

596		25.262	SW 1.3	6.8	7.8	12.8	4.4	10.2	10.8	17.6	16.4	11.8	7.8		5.2	5.2
			-24.0	-16.5	-17.5	-12.5	-10.9	-7.1	-5.5	(-5.0	8.9	-13.5	-17.5	-20.0	-20.1	
			76.	72.	66.	52.	40.	34.	29.	17.6	9.		9.	20.	39.2	
	+ 50		SW -24.0	-19.2	-18.0	-15.6	-12.4	-10.0	-5.7	(-6.3	-9.5	-12.8	-15.3	-19.2	-20.3	
			76.	76.	68.	63.	53.	39.	28.	18.4	9.		9.	20.	39.4	
595		25.274	SW 1.3	5.4	8.7	12.0	17.7	20.2	20.0	16.7	13.1	11.1	8.4	6.8	5.6	
			-24.0	-19.9	-16.6	-13.7	-7.6	-5.1	(-5.1	-8.6	-12.2	-14.2	-16.9	-18.5	-19.7	
			77.	76	61.	50.	33.	27.	17.0	9.		9.	16.	28.	38.6	
	+ 50		SW. -24.0	-19.8	-18.0	-17.6	-11.1	-6.6	(-4.9	-8.1	-12.4	-15.4	-18.3	-20.1	-20.3	
			78.	76.	65.	50.	38.	31.	16.4	9.		9	18.	28.	39.4	
594		25.286	SW 1.5	5.1	11.1	12.4	16.8	19.8	20.3	19.5	14.0	9.7	7.7	6.3	6.1	
			-23.8	-20.2	-14.2	-12.9	-8.5	-5.5	(-5.0	-5.8	-11.3	-15.6	-17.6	-19.0	-19.2	
			77.	77.	54.	53.	37.	27.	16.5	9.		9.	19.	27.	37.8	
	+ 50		SW -23.8	-20.2	-18.0	-15.8	-10.8	-7.7	(-5.3	-7.5	-11.1	-13.7	-15.7	-18.1	-19.0	
			80.	76.	60.	55.	33.	30.	17.	9.		9	15	24.	37.5	
593		25.298	SW 1.8	5.3	7.7	8.9	10.9	12.5	15.0	18.3	20.2	18.6	13.5	9.4	7.3	5.7	5.5
			-23.8	-20.0	-17.6	-16.4	-14.4	-12.8	-10.3	-7.0	(-5.3	-6.7	-11.8	-15.9	-18.0	-19.4	-19.5
			74.	72.	61.	59.	47.	45.	32.	28.	17.0	9.		9.	16.	24.	39.2
	+ 50		SW. -23.8	-20.9	-18.0	-15.9	-13.0	-10.6	-6.9	(-4.8	6.0	-11.1	-15.4	-17.9	-20.4	-20.7
			77.	66.	58.	54.	35.	31.	26.	16.2	9.		9.	19.	26.	40.0
592		25.310	SW 1.5	3.8	5.3	12.2	14.6	19.7	20.2	19.5	14.5	10.3	6.9	4.0	3.7	
			-23.8	-21.5	-20.0	-13.0	-10.7	-5.6	(-5.0	-6.8	-10.8	-15.0	-18.4	-21.3	-21.6	
			80.	78.	64.	45.	32.	28.	16.5	9.		9.	17.	28.	41.4	
	+ 50		SW. -23.8	-22.5	-21.6	-14.5	-12.8	-10.7	-6.8	(-6.5	-9.3	-12.2	-16.6	-18.9	-22.1	-22.0
			83.	80.	69.	44.	42.	30.	27.	18.8	9.		9.	18.	24.	42.0
591		25.322	SW 1.9	2.8	5.9	9.1	12.3	14.7	18.0	18.8	15.9	11.7	8.5	5.6	2.9	2.0
			-23.9	-23.0	-19.4	-16.2	-13.0	-10.6	-7.3	(-6.5	-9.9	-13.6	-16.8	-19.7	-22.6	-22.3
			83.	82.	65.	55.	46.	33.	29.	18.8	9.		9.	19.	31.	42.4
	+ 50		SW. -23.9	-22.8	-18.0	-13.1	-10.0	-7.2	(-7.1	-10.1	-13.3	-17.0	-20.8	-21.7	-22.7	
			86	86.	63.	47.	31.	28.	19.6	9.		9	24	36.	43.0	
590		25.333	SW 1.7	2.1	3.3	6.3	10.5	15.4	17.8	18.2	14.7	10.8	7.1	3.6	2.4	2.3
			-23.6	-23.2	-22.0	-19.0	-14.8	-9.9	-7.5	(-7.1	-10.6	-14.5	-18.2	-21.9	-22.9	-23.0
			85.	84.	76.	65.	50.	31.	30.	19.6	9.		9.	21.	36.	43.5
589	+ 50		SW. -23.6	-23.3	-22.2	-16.5	-11.6	-7.0	(-6.0	-8.3	-12.6	-16.1	-20.1	-22.5		
			84	84.	79.	60.	39.	28.	18.0	9.		9.	16.	42.8		

Original Cross Sections thro' Rect. Dist. #744

Sta.	Grade	L								C						R
603	25.179	Aug 10/17	6.3	7.0	8.3	12.0	15.0	17.6	21.5	21.4	20.8	17.3	13.7	11.0	8.2	6.0	5.0
		-23.4	-18.9	-18.2	-16.9	-13.0	-10.2	-7.6	-3.7	-3.4	(-4.4)	-7.9	-11.5	-13.6	-17.0	-19.2	-20.0
		81	77.	71.	64.	56.	39.	36.	29.	22.	15.6	9.		9.	31.	37.	39.0
+ 50		S.W.															
		-23.4	-19.3	-18.5	-13.2	-9.5	-5.9	-3.6	(-3.9)	7.8	-11.2	-13.2	-16.7	-18.0			
		77	76.	64.	51.	35.	31.	25.	14.9	9.		9.	27.	36.0			
602	T.P. 12.588 25.191	Aug 8/17	5.7	7.2	11.7	12.2	15.7	17.6	20.1	20.8	17.3	13.7	10.3	8.7	6.0		5.5
		-23.4	-19.5	-18.0	-14.5	-13.0	-9.5	-7.6	-5.4	(-4.9)	-7.9	-11.5	-14.9	-16.5	-19.2		-19.7
		80.	78.	62.	52.	49.	33.	30.	23.	16.4	9.		9.	16.	32.		38.6
+ 50		S.W.															
		-23.4	-19.9	-19.2	-18.0	-12.0	-9.4	-6.3	(-5.6)	-8.0	-10.9	-13.5	-17.3	-18.4			
		80.5	80	69.	65.	46.	29.	27.	17.4	9.		9.	23.	36.6			
601	25.203	S.W.	1.8	4.5	7.2	12.5	14.8	19.1	19.1	17.2	14.0	11.0	7.8	5.3		5.0	
		-23.4	-19.7	-18.0	-12.0	-10.4	-6.1	(-6.1)	-8.0	-11.2		-14.2	-17.4	-19.9		-20.2	
		80	78.	67.	49.	37.	28.	18.2	9.			9.	22.	32.		39.3	
+ 50		S.W.															
		-23.4	-20.4	-20.2	-18.0	-13.5	-11.0	-8.0	-6.0	(-5.2)	-6.6	-11.5	-15.2	-19.2	-20.1		
		82.	80	76.	64.	49.	36.	33.	25.	16.8	9.		9.	24.	39.2		
600	25.214	S.W.	1.8	2.4	3.9	12.0	14.8	18.3	19.4	18.6	17.2	13.0	8.0	4.1		4.6	
		-23.4	-22.6	-21.3	-13.2	-10.4	-6.9	-5.8	(-6.6)	-8.0	-12.2	-16.2	-21.1	-20.6			
		83.5	83.	70.	43.	30.	27.	23.	18.9	9.		9.	21.	39.9			
+ 50		S.W.															
		-23.4	-21.3	-18.8	-12.8	-10.0	-7.8	-5.5	(-6.3)	-9.8	-14.1	-16.9	-20.7	-21.0			
		84.	82.	68.	45.	33.	30.	25.	18.4	9.		9.	16.	40.5			
599	25.226	S.W.	2.9	4.2	7.2	12.0	13.8	18.8	19.8	19.1	16.8	11.7	7.4	4.0		3.0	
		-23.4	-23.3	-21.0	-18.0	-15.2	-11.4	-6.4	-5.4	(-6.1)	-8.9	-13.5	-17.8	-21.2		-21.5	
		82	82.	74.	62.	54.	41.	33.	22.	18.2	9		9.	20.		41.2	
+ 50		S.W.															
		-23.4	-22.3	-19.8	-18.0	-15.3	-11.2	-8.0	-7.0	(-6.8)	-9.3	-12.8	-16.1	-18.6	-20.7	-20.9	
		86.5	86.	71.	64.	56.	37.	25	28.	18.4	9.		9.	15.	20.	40.4	
598	T.P. on Hub 13.451 25.238	S.W.	1.2	2.0	4.7	7.2	11.7	14.9	18.2	18.7	19.2	16.9	13.7	10.6	5.0	4.4	4.5
		-24.0	-23.2	-20.5	-18.0	-13.5	-11.2	-7.0	(-6.5)	-6.0	-8.3	-11.5	-14.6	-19.6	-20.6	-20.7	
		80.	80.	66.	55.	45.	29.	24.	18.8	15	9.		9.	16.	22.	40.0	
+ 50		S.W.															
		-24.0	23.3	-20.3	-18.0	-15.2	-10.5	-6.7	(-6.2)	-6.6	-11.4	-15.2	-20.7	-20.9	-20.8		
		78.	78.	65.	55.	48	29.	20.	18.3	9.		9	21.	29.	40.2		
597	25.250	S.W.	1.3	3.1	7.8	9.8	13.4	18.6	18.5	14.9	13.0	10.1	7.3	4.0		4.2	
		-24.0	-23.2	-18.0	-15.5	-11.9	-6.7	(-7.0)	-10.4	-12.3	-15.2	-18.0	-21.3	-21.1			
		79.	78.	53.	49.	35.	25.	19.5	9.		9.	18.	27.	40.6			
596 + 50		S.W.															
		-24.0	-21.1	-18.0	-14.7	-11.2	-6.7	(-6.7)	-11.0	-14.6	-17.3	-18.9	-21.1	-21.2			
		79.	79.	59.	50.	36.	29.	19.	9.		9.	12.	26.	40.8			

Sta.	Grade	L								C				R			
610 P	25.095	8.4	1.7	5.1	12.1	14.7	14.8	19.5	22.1	15.9	12.4	10.5	12.1	9.1	9.1		
		-23.4	-17.0	-13.0	-10.4	-8.3	-6.6	-3.0	(-6.3)	-8.7	-10.1	-13.0	-16.6	-17.0			
		88	88.	72.	59.	57.	50.	28.	18.4	9		9.	28.	35.5			
+ 50	25.101	S.W. 1.7		2.5	11.0	14.2	16.4	21.4	21.8	17.2	15.1	12.5	2.4	8.2	6.9	5.8	
		-23.4		-17.6	-14.1	-10.9	-8.7	3.7	-3.3	(-5.9)	-10.0	-12.6	-13.5	-16.	-19.1	-19.3	
		87		85	69.	53.	50.	39.	26.	17.9	9.		9.	25.	33.	38.0	
609	25.107	S.W. 1.8		6.6	7.8	14.3	16.5	19.4	22.9	18.8	14.0	12.4	10.4	6.9	6.2	5.1	
		-23.3		-18.5	-15.3	-10.8	-8.5	5.7	-4.3	(-6.8)	-10.9	-12.7	-14.7	-18.2	-19.8	-20.6	
		84.		81	66.	46.	42.	35.	25.	19.7	9.		9.	23.	36.	39.0	
+ 50	25.113	S.W. 2.8	5.9	8.6	12.2	15.0	17.1	20.3	19.1	16.0	15.1	9.5	6.5	6.5	6.6	5.5	
		-23.5	-19.2	-16.5	-13.9	-10.1	-8.0	-4.8	(-6.0)	-8.1	-12.0	-15.5	-18.6	-19.5	-19.6		
		82.	80	68.	56.	41.	38.	24.	18.0	9		9.	28.	35.	38.4		
608	25.119	S.W. 2.8	4.5	8.1	12.1	14.4	17.1	21.1	21.7	18.7	17.5	14.0	12.1	7.8	5.1		
		-23.3	-20.5	-17.0	-13.1	-10.7	-8.4	-4.0	-3.7	(-5.2)	-7.6	-11.1	-14.0	-17.3	-20.0		
		85.	82.	66.	52.	38	35.	28.	22.	16.8	9.		9.	28.	39.0		
+ 50	25.125	S.W. 2.8		6.4	8.1	12.2	16.7	20.2	21.4	19.8	18.1	12.7	10.7	7.9	4.1		
		-23.3		-18.7	-17.0	-12.9	-8.4	-4.8	-3.7	(-5.0)	-8.6	-11.4	-14.4	-17.7	-21.0		
		80.		74	67.	53.	37.	30.	21.	17.0	9.		9.	26.	40.5		
607	25.131	S.W. 2.8		5.9	8.8	13.1	14.6	17.2	21.0	21.7	21.9	19.4	15.0	12.8	8.1	5.1	
		-23.3		-19.2	-16.5	-13.0	-10.8	-7.9	-4.1	-3.2	(-4.1)	-5.7	-10.1	-12.3	-17.0	-20.0	
		82		78	62.	51.	36.	35.	24.	18.	16.8	9		9.	20.	39.0	
+ 50	25.137	S.W. 2.8		6.5	5.5	12.7	14.2	17.5	21.8	21.7	22.1	21.7		12.9	7.5	6.0	
		-23.3		-18.6	-16.6	-12.7	-9.9	-7.6	-3.3	(-3.4)	-5.0	-9.4		-12.9	-15.6	-18.0	
		79.		60.	54.	46.	34.	32.	24.	14.1	9.			9.	19.	32.0	
606	25.143	S.W. 1.7		5.9	9.0	12.4	15.7	19.1	21.2	22.0	14.7	11.6	9.0	5.5		5.4	
		-23.4		-19.2	-16.1	-12.4	-9.4	6.0	-3.5	(-3.5)	-5.0	-10.4	-13.5	-16.1	-19.5	-19.7	
		77.		73.	55.	44.	31.	26.	14.2	9.			9.	25.	30.	38.6	
+ 50	25.149	S.W. 1.7		5.7	8.0	11.9	15.6	18.7	21.7	18.7	14.9	11.7	8.7	6.6	5.7		
		-23.4		-19.4	-16.4	-13.2	-9.5	-6.4	-4.0	-6.2	-10.3	-13.4	-16.4	-18.5	-19.4		
		79.		74.	57.	46.	33.	29.	16.0	9.		9.	20.	29.	38.1		
605	25.155	S.W. 1.4		5.5	7.2	12.1	15.1	18.1	20.6	20.1	15.5	12.4	7.7	7.4			
		-23.4		-19.6	-16.9	-13.0	-10.0	-7.0	(-4.5	-5.0	-9.6	-12.7	-17.4	-17.7			
		77.		73	57.	46	31.	28.	15.8	9.		9.	32.	35.6			
+ 50		S.W.															
		-23.4	-18.7	-18.0	-13.0	-10.3	-7.3	-5.7	(-4.6)	-6.3	-9.6	-13.1	10.4	-18.8			
		77.	73.	64.	48.	29.	27.	22.	15.9	9.		9.	17.	37.2			
604	25.167	S.W. 1.8	6.7	8.9	12.2	15.7	18.5	21.2	21.7	17.5	14.2	12.4	8.5	7.4			
		-23.4	-18.5	-16.9	-13.0	-9.5	-6.9	-4.0	(-3.5)	-5.7	-9.0	-11.8	-15.7	-17.8			
		74.	71.	62.	49.	29.	27.	20.	14.2	9.		9.	31.	35.7			
603 + 50		S.W.															
		-23.4	-19.6	-16.9	-13.0	-10.1	-7.5	-4.3	-4.2	-6.5	-11.1	-13.7	-18.0	-19.0			
		80	77.	64.	53.	38.	31.	24.	15.3	9		9.	30.	39.5			

S/2 Grade Original Cross Sections Thro' Rect. Dist # 744 R.

Aug 8/10

615 P	25.036	SW 1.2 9.6 14.0 22.7 24.3 26.3 16.8 14.4 11.1 8.7 7.6 6.5 -23.4 -15.5 -11.0 -2.3 -0.7 -4.7 -8.6 -10.0 -13.9 -16.3 -17.4 -18.2 148. 141. 124. 101. 76. 66. 48. 24.4 9. 9. 36.3
+ 50	25.041	SW 1.6 9.6 13.0 17.9 24.2 24.5 18.6 14.0 11.8 9.1 7.7 6.5 -23.4 -17.4 -12.8 -7.1 -0.4 -0.5 -6.4 -11.0 -13.2 -15.9 -17.2 -18.5 142. 138. 125. 103. 89. 79. 53. 25.5 9. 9. 36.8
614	25.047	SW 1.7 7.6 9.9 13.1 24.0 24.4 12.7 14.2 12.1 14.5 9.7 7.0 8.0 -23.4 -17.5 -15.8 -12.0 -1.1 -0.5 -6.2 (-10.9) -13.0 -14.6 -15.4 -6.1 -16.8 138 126. 134. 120. 86. 72. 56. 25.4 9. 9. 17.0 34.2
+ 50	25.053	SW 1.9 7.5 10.3 14.4 13.5 22.6 8 14.7 11.6 14.7 10.6 9.1 7.6 -23.4 -17.6 -14.8 -10.7 -3.5 -1.5 -5.3 -10.4 -13.2 -15.4 -14.5 -16.0 -17.5 132 129. 115. 107. 88. 68. 54. 24.6 9. 9. 18. 35.2
613	25.059	SW 1.7 10.3 14.2 17.1 21.6 24.0 16.8 15.7 14.5 13.5 11.7 10.0 8.7 7.9 7.7 -23.4 -14.8 -10.9 -6.0 -3.5 -1.1 -8.3 (-9.4) -10.6 -11.6 -13.4 -15.1 -16.4 -17.2 -17.4 121. 115. 100. 86. 64. 50. 33. 23.1 9. 9. 15. 31. 27. 35.1
+ 50	25.065	SW 1.7 9.5 17.5 23.0 21.3 17.2 16.4 15.0 14.3 12.9 10.8 8.8 7.3 -23.4 -15.5 -11.2 -7.6 -2.1 -3.8 -7.9 -8.7 -10. -10.8 -11.8 -14.9 -17.1 -17.8 111.5 108.94. 83. 56. 50. 35. 22. 9. 9. 19. 30. 35.7
612	25.071	SW 1.7 8.1 12.1 14.7 22.6 24.0 22.9 17.0 13.6 12.2 11.6 9.3 7.2 6.8 -23.4 -17.0 -13.0 -10.4 -2.5 -0.5 -2.4 (-8.1) -11.5 -12.9 -13.5 -15.8 -17.9 -18.3 105. 102. 95. 84. 66. 50. 38 24.2 9. 9. 22. 33. 36.4
+ 50	25.077	SW 1.7 8.9 15.0 17.0 24.5 22.9 17.1 14.4 11.8 11.0 8.9 7.5 7.4 -23.4 -16.2 -10.1 -6.1 -0.6 -2.2 -8.0 -10.7 -12.2 -14.1 -16.2 -17.3 -17.7 100. 97. 76. 72. 50. 33. 21.0 9. 9. 25. 33. 35.6
611	25.083	SW 1.7 9.1 13.1 15.0 17.0 22.5 24.0 17.0 16.7 13.9 10.7 8.2 6.4 -23.4 -16.0 -12.0 -10.1 -8.1 -2.6 -1.1 (-6.1) -8.4 -11.8 -14.4 -16.9 -18.7 97. 92. 82. 67. 64. 50. 34. 18.2 9. 9. 25. 37.0
610 + 50	25.089	SW 1.7 9.1 12.4 15.5 16.5 22.6 24.0 20.1 18.5 15.1 12.1 9.5 6.9 -23.4 -17.0 -12.7 -9.6 -6.6 -1.5 -0.7 -5.0 -6.6 -10.0 -13.0 -15.6 -18.2 90 90 74. 62. 58. 45. 30. 16.5 9. 28. 36.3

P.

Sta. Grade Z. Q. R.

Original Cross Sections thro Reel Dist. #744.

The Cross-section Notes of Embankment from "E" 504+00 to "E" 616+40, pages 38 to 55, are given as depths below profile grade. The Cross-section Notes of Borrow Pit from "E" 504+00 to "E" 618+00, pages 67 to 57, are given as elevations above or below Sacramento Southern Railroad datum and are extensions of the cross-section notes of the embankment at corresponding stations.

RVM

Original No 4

Continued in Cross Section Book Sta. 450 to Sta. 637+50, page 59

See page 57 of this book

+40								0.0		0.0			0.0	
								9.0					9.0	
616		5.N.2	7.9	11.3	13.4	16.7	22.8	23.2	18.3	15.3	13.9	13.5	11.3	10.6
	25.024	-23.4	-17.1	-13.7	-11.6	-8.3	-1.2	-1.8	(-6.7)	-9.7	-11.1	-11.5	-12.7	-14.6
		126.	120.	118.	110.	95.	35.	42.	19.0	9.		9.	30.	30.9
BM. 20.662														
615+50		5.N.6	12.0	13.6	18.5	23.5	22.7	18.3	15.1	13.7	13.2	12.2	9.2	7.3
	25.03	-23.4	-13.0	-11.4	-6.5	-1.5	-2.3	-6.7	(-9.9)	-11.3	-11.7	-12.8	-15.8	-17.7
		145	134.	131.	108.	86.	67.	50.	23.9	9.		9.	22.	35.6

Sta. E 619 to E 659 Borrowpit Original Ground Considered Regular and no Original Cross Sections taken. From Sta. E 660 to Sta. E 672, no Borrowpit Cross Sections, as the Estimate there was Embankment Measurement. From Sta. E 672, Borrowpit Original Cross Sections found in Original Cross Section Book No 8, page 36.

1961

Opp: Sta.

Rect. District + 744. 57 Sept 7/10.

Original Soundings in Dredger Cut on Left.

610
7.4 7.1 6.7 6.2 +3.2 +1.7 -2.1 -6.8 -6.8 -7.8 -7.8 -6.3 -1.3
270. 280. 250. 219. 219. 218. 200. 180. 160. 140. 120. 110. 95.

611.
7.2 7.1 6.6 6.5 +1.7 0.0 -2.1 -5.9 -5.8 -5.3 -4.1 -1.6 +0.5
270. 260. 250. 218. 216 200. 190. 170. 150. 130. 120. 110. 100

612
7.6 7.9 8.0 3.6 +1.7 -1.3 -5.0 -8.3 -8.8 -8.5 -7.2 -2.4 +0.7
300. 280. 245. 243. 240. 230. 220. 200. 180. 160. 140. 120. 110.

613
+5.0 +5.9 6.8 6.8 6.9 +2.5 +1.7 -6.8 -9.8 -10.3 -9.2 -4.3 -0.7
300. 290. 287 280. 241. 239 227. 220. 200. 180. 160 140 130.

614
+5.6 5.6 7.2 +6.7 +1.7 -5.6 -7.8 -7.8 -7.1 -1.8 0.0
292. 290 280. 247. 245 230. 210. 190. 170 150. 145

615
8.5 +8.4 +2.4 +1.7 0.0 -6.3 -9.8 -10.0 -8.5 -6.6 -5.8 -1.7
340. 332 326 304 280. 260. 240. 220. 200. 180. 170. 155.

615 + 50
+6.9 +6.7 +2.0 +2.4 +1.7 +0.7 -3.3 -9.3 -8.8 -7.3 -5.6 -3.3 -3.3 -0.8
380. 372. 370. 327. 308. 300. 280. 260. 240. 220. 200. 180. 160. 150.

616
+7.7 +5.4 +7.6 +3.8 +1.7 -2.2 -5.8 -6.1 -7.6 -7.3 -9.1 -7.3 -6.2 -2.5 0.0 +1.7
380. 370. 333. 320 315 300. 280. 260. 240 220. 200. 180. 160. 140. 130. 126.

616 + 50
-3.5 -5.3 -4.3 -2.7 -0.5 +1.7 +3.0 +1.7 -0.5 -6.5 -6.8 -6.9 -4.9 -1.8 -0.8 +1.7
330. 310. 290 275. 260. 255. 230. 207. 200. 180. 160. 140. 120. 100. 90. 83.
+1.7 +4.0 +7.6 +5.5 +12.4
345 346 358. 375 397.

617.
+1.7 -1.9 -4.3 -4.1 -1.6 +1.7 +2.0 +2.0 +1.7 -0.8 -3.1 -3.4 -0.5 +1.7
371. 360. 240. 320. 300. 294 240. 200 148. 120. 100. 70. 45. 43.
+4.6 +5.0 +7.8 +12.5 +12.4
371. 381. 390 391. 400.

617 + 50
-4.5 -4.4 -4.1 -3.6 -3.2 -2.7 -0.9 +0.4 +1.8 +3.4 +7.5 +10.0
390. 365 330. 300 260 230. 200. 175. 165. 100. 74. 54.

618.
+1.7 0.0 -1.6 -2.3 -2.7 -2.8 -1.8 +1.7
241. 220. 190. 160. 130. 100. 75. 50.

See page 55 of this book.

See page 56.

Opposite Sta:

District # 744. 58

Sept 9/10

Original Soundings in Dredger Cut on Left

596	+3.0	+3.0	+3.5	+1.5	-2.0	-4.0	-4.5	-3.7	-7.1	-4.7	-2.4	-1.5	-0.4
	229.	220.	197.	196.	190	170	160.	140.	120.	100.	90.	85.	80.
597	+3.2	+3.2	+3.5	+1.5	-1.5	-3.0	-6.3	-7.4	-8.6	-7.5	-5.7	-3.2	-1.0
	245.	230.	206.	201	190	180.	160	140.	120.	100.	90	85.	80
598	+0.1	0.0	-0.3	-2.6	-5.5	-7.3	-6.9	-8.0	-7.8	-5.8	-3.0	-2.0	
	250.	230.	220	210	200	180.	160.	140.	120.	100.	90.	81.	
599	+0.3	+1.1	+0.5	-3.8	-6.3	-7.2	-7.1	-7.1	-6.8	-5.7	-5.0	-4.0	-2.5
	260.	220.	210.	200.	190.	180.	160.	140.	120.	110.	100.	90.	85.
600	+1.1	+1.7	-0.7	-2.9	-4.7	-5.5	-5.9	-7.0	-7.0	-5.5	-3.0	-1.7	
	240.	220.	210.	200.	190	180.	160.	140.	120.	100.	90.	85.	
601	+2.3	+4.2	+4.6	+1.5	-2.0	-2.7	-3.5	-4.8	-5.9	-4.7	-4.0	-2.8	-0.2
	255.	220.	200.	197.	190.	180.	170.	160.	140	120.	100.	90.	85.
602	+3.9	+4.7	+5.0	+1.5	-1.0	-2.2	-2.8	-4.0	-6.7	-6.0	-5.3	-2.9	0.0
	248.	220.	205.	204.	190.	180	170.	160	140.	120.	100.	90.	85.
603	+5.7	+5.5 (250.)	+5.5	+5.5	+1.5	-1.1	-2.7	-3.8	-5.3	-8.0	-8.0	-6.0	-3.3	-0.5
	260.	210.	205.	200.	190	180.	170.	160.	140.	120.	100.	90.	85.
604	6.8	+6.8 (249)	+6.4	+6.4	+1.7	-1.1	-2.1	-4.9	-5.9	-6.7	-5.4	-3.8	-2.5	-0.7
	260	210.	198.	194.	180	170	160	140	120.	100	90	85	80.
605	5.5	5.8	+5.8 (245.) +6.5	+6.3	+1.5	-0.5	-2.0	-3.3	-7.0	-7.6	-6.5	-4.0	-2.0
	270.	250.	210.	195	191	180	170	160.	140	120.	100.	90.	85.
606	6.8	6.8	+6.8 (244.) +7.7	+7.8	+1.5	-1.0	-2.5	-4.1	-7.0	-6.8	-6.1	-4.5	-3.2
	260	250.	210.	194.	192	180	170.	160.	140.	120	100.	90	85
607		7.0	+6.8 (241.) +6.0	+5.7	+2.8	+1.6	-1.9	-3.4	-5.9	-8.4	-6.0	-5.2	-2.5
		250.	230.	201.	200.	195.	180.	170.	150.	130.	110.	100.	90.
608		5.8	+5.3 (247.) +5.3	+4.2	+1.7	-1.4	-2.8	-3.1	-5.9	-6.5	-5.4	-3.1	
		260.	250.	210.	204.	200.	180.	160.	140.	120.	100.	90.	
609			+7.0	+6.6	+6.2	+3.2	+1.7	-2.8	-6.9	-7.8	-8.0	-4.4	-0.8
			260.	250.	204.	202.	200	180.	160.	140.	120	100	90

Opposite Sta.

District #744. 59 Sept 9/10

Original Soundings in Dredger Cut on Left.

583.	+6.0	+5.8	+5.8 237.	+5.4	+1.5	0.0	-1.1	-2.0	-5.0	-5.8	-4.7	-3.1	-1.5	-0.6
	250.	240.	225.	212.	200.	190.	180.	160.	140.	120.	100.	95.	90
584	+5.8	+5.4 +5.3 247.	+5.0	+4.9	+1.5	-4.0	-5.8	-4.8	-6.0	-6.3	-4.2	-3.3	-1.5
	260.	250.	240.	212.	210	200.	180.	160.	140.	120.	100.	95.	90
585	+5.3	+5.1 +5.0 257.	+4.4	+4.3	+1.5	-2.7	-5.5	-5.1	-6.5	-6.0	-4.7	-3.4	-2.1
	270.	260.	240.	212.	211	200.	180.	160.	140.	120.	100.	90.	85.
586		+4.4 +3.8 247.	+3.6	+3.1	+1.5	-1.8	-3.2	-4.0	-4.5	-6.5	-6.9	-4.1	-2.5
		270.	240.	227.	222	210.	200.	180.	160.	140.	120.	100.	95.
587	+3.0	+2.8	+2.5	+1.5	-3.6	-4.1	-4.5	-7.8	-7.5	-6.7	-4.9	-4.0	-1.3
	246.	240.	218.	217.	210.	200.	180.	160.	140.	120.	100.	95.	90.
588		+1.8	+1.5	-0.4	-6.8	-9.0	-8.6	-7.7	-7.5	-6.8	-6.3	-4.2	-2.4
		250	230	220.	210.	200.	180.	160.	140.	120.	100.	90.	85

589			+1.6	+1.5	+0.6	-5.3	-7.2	-7.5	-7.8	-7.1	-5.4	-5.5	-5.3	-3.8
			260	247	220	210	200	180.	160.	140.	120	100.	95.	90. Sept 14/10
														Sept 9/10
590	+1.7	+1.7	+1.5	0.0	-4.0	-6.1	-6.4	-6.5	-7.7	-7.2	-6.9	-5.1	-3.0	
	255.	240.	221.	220	210	200	190	180	160.	140.	120.	100	90	
591	+1.7	+1.7	+1.5	-2.2	-6.5	-7.5	-7.5	-8.0	-6.5	-7.5	-5.9	-3.9	-1.1	
	260.	230.	217.	210	200.	190	180.	160.	140.	120.	100.	90.	85.	
592	+1.0	+2.0	+2.0	-1.7	-5.5	-7.1	-7.4	-6.9	-6.9	-6.7	-5.2	-3.7	-2.0	
	260.	220.	210.	208.	200.	190.	180.	160.	140.	120.	100.	90.	85	
593	+2.1	+2.4	+2.5	+1.5	-2.1	-2.4	-2.3	-3.8	-6.5	-7.1	-6.2	-3.6	-0.4	
	235.	220.	202	201.	190.	180.	170.	160.	140.	120	100.	90.	80.	
594		+3.6	+4.4	+1.5	0.0	-2.3	-4.5	-5.3	-7.5	-7.0	-4.7	-2.3	-0.7	
		220.	200.	198.	190.	180.	160.	140.	120.	110	100.	90.	85.	
595		+3.3 +3.3 235.	+5.6	+4.0	+1.5	-1.3	-2.4	-5.6	-7.0	-5.3	-2.8	-2.0		
		240.	220	195.	192	180.	160.	140.	120.	100.	90.	85.		

Opposite Sta

District #744

Original Soundings (Dredger Cut) on Left.

573 + 91.8

+2.2 289
+2.6 +1.4 +0.4 -1.0 -6.2 -7.6 -7.6 -8.6 -8.1 -7.6 -6.4 -5.0 -4.1 -1.1
270. ^ 240. 220. 210 200. 190 180. 160. 140. 120. 100. 90. 85 80.

574 + 51.8

+2.5 +1.4 +0.7 +0.4 -4.2 -5.9 -7.6 -8.2 -7.9 -7.6 -6.6 -5.6 -4.0 -2.1
290. 260. 230. 210 200. 190. 180. 160. 140. 120. 100. 90. 85. 80.

Sept 21/10

575 + 11.8

+1.5
270.
+2.2 +1.5 0.0 +0.2 -1.3 -4.5 -8.0 -8.0 -7.0 -6.7 -5.8 -4.8 -3.2 -1.5.
290. 267 240. 220 210. 200. 180. 160. 140. 120. 100. 90. 85. 80.
^

576

+2.5 +1.5 +0.4 0.0 -0.1 -6.7 -8.3 -7.0 -7.0 -7.3 -6.0 -4.5 -3.2 -0.3
290. 275 260. 240. 220. 200. 180. 160. 140. 120. 100. 90. 85. 80.

577

+3.4 +1.4 +1.0 0.0 -0.5 -1.1 -3.6 -6.0 -7.5 -7.5 -6.7 -6.5 -5.3 -2.8 -0.3
300. 283 280 260. 240. 220. 210. 200. 180. 160. 140. 120. 100. 90. 85

578.

+3.1 +1.4 +0.6 0.0 -1.0 -3.6 -7.6 -8.3 -8.1 -7.2 -6.8 -6.3 -5.5 -4.6
300. 284 270 240. 220. 210. 200 180. 160. 140. 120 100. 90. 85

579

+2.9 +2.8 +2.0 +1.5 -0.5 -3.1 -8.0 -8.5 -9.0 -9.3 -8.3 -7.1 -4.5 -1.3
245. 240. 216. 216 210. 200. 190 180. 160. 140. 120. 100. 90. 85.

580

+5.2
249.
-5.4 +5.1 +4.7 +1.5 -0.4 -5.4 -7.5 -8.5 -9.6 -7.0 -6.5 -5.6 -4.5
260. ^ 240. 215. 214 210 200. 180. 160. 140. 120. 100. 95. 90.

581

+6.3
258.
+6.5 +6.1 +6.0 +1.5 +0.5 -0.3 -0.6 -5.7 -7.0 -7.5 -8.5 -4.5 -2.8
265. ^ 240. 214. 210. 200. 190. 180. 160. 140. 120. 100. 95. 90.

582

+6.6 +6.6 +6.3 +1.5 0.0 -2.5 -6.7 -6.9 -5.4 -4.1 -2.5 -1.5
250. 240. 212. 207. 200. 180. 160. 140. 120. 100. 95. 90.

Opposite 55

District #744

61

Sept 16/10

Orig: Soundings in Dredger Cut on Left.

563	+2.5	+2.5	+2.2	+1.5	-2.1	-7.1	-8.1	-8.9	-10.3	-8.6	-7.1	-5.5	-4.1	-2.9
	266	240.	226.	225	220	210.	200.	180.	160.	140.	120.	100	90.	85.
564	+2.6	+2.5	+1.9	0.0	-3.6	-7.6	-8.8	-9.1	-9.6	-9.1	-7.8	-6.3	-5.1	-3.9	-1.6
	268.	240.	219.	218.	210.	200	190.	180.	160.	140.	120.	100.	90.	85.	80.
565	+3.0	+2.9	+2.5	-0.4	-5.4	-6.6	-7.3	-7.6	-6.6	-6.6	-6.4	-4.3	-1.4	
	265.	240.	222.	220	210.	200.	180.	160.	140.	120.	100.	90.	85.	
566	+2.6	+2.6	+2.6	0.0	-2.1	-3.6	-5.4	-5.1	-6.7	-8.0	-8.0	-6.7	-5.8	-3.6	-3.1
	261.	240.	227.	226.	220.	210	200.	190.	180	160	140.	120.	100.	90.	85.
566 + 44.6	+2.7	+3.1	+3.4	-0.4	-3.4	-4.6	-4.7	-6.1	-7.6	-7.9	-7.6	-6.6	-4.6	-2.5	
	257.	240.	222.	220.	210.	200.	190	180.	160.	140.	120.	100.	90.	85.	
567 + 04.6	+2.9	+2.9	+2.4	+1.4	-0.8	-4.6	-6.1	-6.1	-6.9	-6.8	-6.5	-5.8	-4.3	-2.2	-1.4
	258.	240.	227.	215.	210.	200.	190	180.	160.	140.	120.	100.	90.	85	80
568	+3.1	+3.1	+2.5	0.0	-2.8	-5.1	-6.2	-7.7	-8.1	-8.6	-7.1	-4.6	-2.5	-2.0	
	252.	230.	214.	212.	200.	190.	180.	160.	140	120.	100.	90.	80.	75.	
Sept 21/10									-8.5	-7.8	-6.8	-4.8	-3.5	-2.0	
									140	120	100	90	80	70	
569	+3.5	+3.5	+2.7	+1.4	0.0	-3.8	-4.6	-8.6	-8.8	-7.0	-6.4	-5.1	-4.5	-4.1	-1.6
	243.	220.	205.	204.	200.	190.	180.	160.	140.	120.	100.	90.	80.	75.	70.
570	+4.2	+3.7	+2.6	+1.4	+0.3	-4.0	-6.0	-7.4	-8.4	-8.5	-7.7	-6.7	-5.8	-2.8	
	243.	220.	206.	205	200.	190.	180.	160.	140.	120.	100.	90.	85.	80.	
571	+4.0	+3.7	+2.9	+0.7	-6.1	-7.3	-7.6	-8.4	-8.3	-6.8	-6.1	-4.8	-3.0	-0.5	
	245.	240.	212.	210	200.	190.	180.	160.	140.	120.	100.	90.	85.	80.	
572	+3.4	+3.0	+1.4	-0.8	-6.6	-7.6	-8.6	-8.6	-8.4	-9.1	-7.2	-5.2	-3.8	-1.6	
	257	240.	213.	210	200.	190.	180.	160.	140.	120.	100.	90.	85.	80.	
573	+2.3	+2.9	+1.4	-0.8	-5.9	-7.8	-8.1	-7.6	-8.6	-9.4	-6.7	-5.0	-3.2	-0.4	
	260.	245.	220.	210.	200.	180.	160.	140.	120.	100.	90.	85.	80.		

Opposite Sta. 2.

District #744

Original Soundings in Dredged Cut on Left.

Soil 16/m.

553
+1.4 +0.6 +0.2 -1.9 -3.9 -4.5 -5.6 -6.4 -5.8 -3.8 -1.2 -0.2
375. 310. 290. 270. 250. 230. 210. 190. 170. 150. 140. 135.

554
+1.7 +1.4 -0.2 -2.9 -4.2 -6.8 -7.6 -7.1 -8.9 -7.5 -4.5 -3.3 -3.8 -2.8 -1.2
340. 301. 290. 270. 250. 240. 230 210 200. 190 170. 150. 130. 120. 110.

554 + 50
+2.9 +3.4 +1.4 00 -0.1 +0.6 -0.4 -2.1 -1.1 -3.7 -4.1 -5.7 -4.1 -1.0
290. 285. 282. 270 250. 230. 210. 190. 170. 150. 130. 110. 100. 90.

555 + 44.1
5.8 +5.6 +2.7 +2.6 +2.4 +1.0 +1.4 -1.9 -4.8 -8.1 -9.2 -6.7 -5.0 -3.1 -1.8 -0.7
276. 260. 258. 220. 200 176. 170. 160 150. 140. 120. 100 90. 85. 80. 75

556 + 04.1
6.4 +6.4 +4.1 +4.2 +2.6 +1.4 -0.5 -3.1 -5.6 -7.6 -7.1 -7.1 -5.1 -3.5 -1.4
273.5 257. 254. 230. 214. 193. 180. 170. 160. 120. 100. 90. 80. 70.

556 + 64.1
6.8 +6.8 +6.6 +5.3 +3.6 +1.4 +1.0 -1.3 -2.9 -6.4 -8.1 -7.8 -7.6 -6.6 -4.3 -2.1
273. 260. 257. 249. 225 212. 200 180. 170. 160. 140. 120. 100. 90. 80. 70

557 + 24.1
6.7 +6.3 +5.9 +4.0 +2.2 +0.4 -1.4 -2.4 -3.1 -6.9 -7.9 -8.9 -7.9 -6.9 -3.9 -1.9
274. 260. 253. 250. 213. 210. 200. 190 180. 160. 140. 120. 100. 90. 80. 70.

558
6.3 6.1 3.5 5.6 +2.4 +2.4 +4.2 +3.0 +1.4 -0.6 -2.1 -3.9 -6.1 -7.6 -9.1 -8.6 -6.9 -5.2 -3.2 -1.5
276. 270 260 255. 250. 229. 227. 215. 214. 210. 200. 190. 180. 160 140. 120. 100. 90. 80. 75

559
5.4 +4.3 +2.2 00 -3.1 -4.4 -5.4 -5.6 -7.0 -8.6 -8.9 -7.6 -5.9 -3.2 -1.9
277. 260. 219. 218. 210. 200. 190. 180. 160. 140. 120. 100. 90. 80. 75.

560
+3.0 +2.6 +1.4 -1.2 -2.6 -5.6 -6.6 -7.1 -8.6 -9.3 -8.6 -7.7 -5.9 -2.2
249. 240. 220. 215 210. 200. 190. 180. 160. 140. 120. 100. 90. 80.

561
+1.7 +1.7 +1.4 -3.0 -6.6 -6.6 -7.6 -7.6 -7.4 -6.6 -6.3 -4.4 -2.8
265. 240. 225. 210. 200. 190. 180. 160. 140. 120. 100. 90. 85.

562
+1.9 +1.8 +1.6 +0.4 -1.6 -6.1 -7.6 -7.9 -8.1 -8.3 -8.1 -7.6 -6.4 -5.5 -3.8
265. 240. 228. 227. 220. 210. 200. 190. 180. 160. 140. 120. 100. 95. 90.

District # 744

Orig. Soundings in Dredger Cut on Left.

Opposite Sta.																
545	+1.6															
	260.															
	+1.9	+1.4	-1.3	-4.8	-5.8	-6.8	-9.0	-9.3	-8.8	-8.5	-7.3	-5.3	-3.6	-2.1	-0.8	
	280.	253.	248	240	230.	220.	200.	180.	160.	140.	120.	110.	100.	95.	90	
546	0.0	+2.3	+2.6													
	275.	277.	290.													
	-2.3	-3.3	-3.2	-4.2	-5.8	-7.8	-8.3	-8.8	-9.0	-8.1	-7.8	-6.2	-3.9	-2.6	-1.8	
	270	260.	250	240.	230	220.	210.	200.	180.	160.	140.	120.	110.	100.	95	
547	+2.6	+1.7	-1.4	-4.2	-4.1	-5.9	-6.6	-7.9	-8.4	-9.6	-9.1	-8.0	-6.0	-4.1	-2.4	-1.3
	280.	260.	258	250.	240.	230	220.	210.	200.	180.	160.	140	120.	110.	100.	95.
548	+2.8	+2.3	+0.5	-1.3	-1.9	-3.8	-4.3	-6.3	-7.5	-8.3	-8.8	-8.3	-6.8	-4.4	-2.0	-1.2
	280.	272.	270.	260.	250.	240.	220.	210.	200	180.	160.	140.	120	110.	100	95
548 + 76.4	+3.4	+3.3														
	258.	280.														
	-0.6	-2.2	-2.8	-4.5	-5.4	-6.3	-8.0	-8.3	-7.6	-6.4	-4.3	-1.5	-0.7	-0.1		
	256.	250.	240	230.	220.	200	180.	160.	140.	120.	110.	100.	95.	90		
549 + 36.4	+3.9	+2.7	+1.2	-1.0	-2.2	-5.6	-6.1	7.3	-7.8	-8.3	-7.7	-7.7	-6.3	-4.0	-2.5	
	300.	257.	255.	250.	240.	230	210.	200.	180	160.	140.	120.	110.	100.	95.	
549 + 96.4	+2.7	+3.9														
	300.															
	264.															
	0.0	-2.2	-3.8	-4.8	-5.8	-6.7	-7.6	-7.8	-8.0	-7.8	-6.3	-4.9	-2.0	-1.1		
	260	250.	240	220.	210	200.	180.	160.	140.	120.	110.	100.	95.	90.		
550 + 56.4	+3.5															
	285.															
	+3.2	+4.5														
	270.	320.														
	+1.2	-0.4	-1.7	-2.2	-3.2	-4.4	-5.3	-5.1	-8.2	-8.2	-7.9	-7.3	-5.2	-3.2	-1.6	
	269.	260.	250.	240.	230.	220.	210.	200.	180.	160.	140.	120.	110.	100.	95	
551.	+3.0															
	287.															
	+2.9	+4.2														
	285.	330.														
	+1.2	+0.3	0.0	00	-2.4	-3.0	-4.6	-5.6	-6.3	-8.1	-8.0	-7.6	-4.5	-2.5	-1.3	
	277	270.	260	250.	240.	230.	220.	210.	200.	180.	160.	140.	120.	110.	105	
552.	+1.5															
	327															
	+2.3	+1.2	-1.1	-2.6	-4.8	-5.8	-7.7	-8.4	-8.3	-7.6	-4.7	-2.8	-1.4	-0.8	+0.2	
	360.	297	290	270.	260	250.	230.	210.	190	170.	150.	140.	130.	125.	120.	

Opposite
S½:
Sept 28/10

District # 744

534 -10.5 -12.1 -13.1 -13.1 -12.1 -10.1 -7.8 -7.2 -8.0 -7.8 -7.6 -8.2 -7.7 -7.9 -6.2 -4.1 -2.6 -0.6
280. 260. 240. 220. 210. 200. 190 180. 170. 160. 150. 130. 120. 110. 100. 90. 85. 80.

535 -11.5 -13.0 -13.0 250. -13.1 -12.5 -12.2 -11.1 -9.6 -9.5 -8.9 -8.6 -6.7 -6.2 -5.7 -3.9 -2.9 -1.1 0.0
280. 260. 240. 220. 210. 200. 190. 170. 160. 140. 120. 110. 100. 90. 85. 80. 75.

536 -10.5 -10.3 11.6 -13.0 -13.0 -12.6 -10.8 -9.4 -6.7 -6.8 -7.2 -7.2 -7.0 -6.2 -4.8 -3.8 -1.8 0.0
280. 260. 240. 230. 220. 210. 200. 190. 180. 160. 140. 120. 110. 100. 90. 85. 80. 75.

537 -10.7 -11.9 -13.1 -13.2 -12.7 -9.2 -6.7 -6.5 -7.1 -7.7 -7.6 -6.3 -5.4 -3.6 -2.4
280. 260. 240. 220. 200. 190. 180. 160. 140. 120. 110. 100. 95. 90. 85.

538 -9.3 -10.2 -12.1 -12.6 -12.5 -10.6 -8.1 -8.1 -8.9 -7.0 -6.6 -5.7 -4.8 -3.6 -2.3
280. 260. 240. 220. 210. 200. 190 180. 160. 140. 120. 110. 100. 95. 90.

539 -7.6 -8.8 -10.6 -11.1 -10.9 -10.5 -9.6 -7.3 -7.3 -7.6 -6.6 -6.6 -5.1 -2.6 -0.6
280. 270. 250. 230. 210. 200. 190 180 160. 140. 120. 110. 100. 90. 85.

540 -9.3 260. -8.1 -9.1 -9.6 -10.6 -11.9 -11.6 -10.1 -7.3 -8.3 -8.1 -7.6 -6.3 -4.9 -2.3 -0.3
280. 270 250. 230. 210. 200. 190. 180. 160. 140. 120. 110. 100. 90. 85

541 -5.4 -7.1 -9.1 9.6 -9.6 -10.6 -10.3 -10.1 -11.3 -10.3 -7.9 -6.3 -4.1 -3.1 -1.1 -0.6
290. 280. 260. 250. 240. 220. 210. 200. 180. 160. 140 130. 120. 110. 100. 95.

542 +1.8 -5.5 -7.1 -8.1 -8.6 -8.6 -9.1 -9.6 -10.6 -9.6 -8.5 -8.1 -7.1 -6.1 -5.7 -4.7 -2.6 -2.1 -1.7
Sept 28/10 300. 280. 270. 260. 250. 240. 230. 220. 210. 200. 180. 160. 140. 130. 120. 110. 100. 95. 90.

543 +1.2 -1.1 -3.8 -4.8 -6.8 -7.3 -8.8 -9.8 -10.0 -8.7 -7.4 -6.3 -7.0 -6.6 -4.8 -2.9 -2.1
291. 290. 280 270. 260. 250. 240 230. 210. 200 180. 160. 140. 120. 110. 100. 95.

544 -4.8 -2.4 -1.4 -2.1 -1.3 +1.2 +1.7
240. 250. 260. 270. 276. 281. 290.
-7.8 9.8 -10.4 -10.8 -11.8 -10.8 -7.2 -5.3 -4.2 -2.6 -1.8 -1.5 -0
280. 220. 210. 200. 180. 160. 140. 120. 110. 100. 95 90. 8

District #744.

Orig. Soundings in Dredger Cut on Theft.

Opposite Sta.															
522	+1.8	+2.0	+2.3	0.0	-1.5	-5.5	-6.3	-5.4	-6.7	-6.4	-5.2	-5.0	-3.6	-2.2	
	243.	240.	205.	204.	200.	190.	180.	160.	140.	120.	110.	100.	90.	85.	
523	+2.8	+2.5	-1.2	-5.4	-6.8	-7.6	-6.9	-6.6	-5.3	-4.2	-2.3	-1.5			
	240.	205.	203.	190.	180	170.	150.	130.	110.	100.	90.	85			
524	+2.1	+2.1	+2.7	+1.2	-2.3	-4.4	-6.0	-5.9	-5.6	-4.5	-3.8	-2.7	-1.8	-1.2	
	241.	240	207	205	200	190	170.	150.	130.	110.	100.	90.	85.	80.	
525	-0.1	-0.2 (-0.2)	0.3	-1.4	-5.6	-6.8	-6.3	-6.8	-7.1	-5.9	-4.8	-4.2	-3.4	-3.1	-0.9
	270.	250.	230.	220.	210.	200.	190.	170.	150.	130.	110.	100.	95.	90.	85
526 Sept 28/10.	-1.7	-2.7	-6.3	-4.8	-6.8	-10.5	-10.6	-8.5	-7.0	-5.9	-4.6	-2.8	+0.5		
	275.	270.	250.	230.	210.	190.	170.	150.	130.	110.	100.	90.	85.		
527 Sept 28/10	-6.2	-8.5	-11.7	-12.9	-11.5	-9.5	-8.0	-6.2	-5.0	-5.0	-3.8	-1.5			
	290	280.	260.	240.	220.	200.	180.	160	140.	120.	110.	100.			
528	-12.2 (270)														
	-13.2	-12.5	-13.5	-13.0	-11.3	-8.2	-7.6	-5.0	-6.3	-4.0	-2.7	-1.1			
	280.	260.	240.	220.	200.	180.	160.	140.	120.	100.	95.	90.			
529	-13.0	-14.0	-14.3	-13.7	-9.4	-7.3	-8.5	-7.0	-7.5	-8.9	-8.3	-5.7	-2.8	-0.4	
	280.	260.	240.	220.	200.	180.	160.	150	140.	120	110	100.	90.	85.	
530	-12.2 (270.)														
	-10.6	-12.0	-12.6	-13.0	-11.2	-6.8	-6.0	-6.0	-6.5	-7.3	-8.0	-7.0	-5.4	-3.3	-1.0
	280.	260.	240.	220.	200.	190.	180.	160.	150.	140.	120.	110.	100.	90.	85.
531	-11.2	-12.4	-13.1	-12.4	-12.6	-9.1	-9.1	-8.4	-7.3	-6.6	-6.1	-5.1	-4.1	-2.2	-1.4
	280.	260.	240.	220.	210.	190.	170.	150.	130.	120.	110.	100	95.	90.	85.
532	-9.2 (270)														
	-9.1	-10.1	-12.6	-12.8	-12.6	-8.1	-7.1	-6.1	-8.1	-8.4	-6.1	-5.8	-5.3	-4.0	-2.5	0.0
	280.	260.	240.	220.	210	200.	190.	180.	160.	150.	130.	110.	100.	90.	85.	80.
533	-10.6	-11.1	-12.6	-13.3	-13.1	-11.4	-7.5	-5.5	-6.1	-7.5	-7.8	-7.6	-7.1	-6.1	-4.9	-3.1	-1.1
	280.	260.	240	220.	210.	200.	190.	180.	170.	150	130.	120.	110.	100.	90.	85.	80.

District #744

Orig: Soundings in Dredger Cut on Left.

Sept 23/10

Opposite Sta.													
510	+4.6	+4.2	+4.8	+2.2	+2.2	0.0	-2.1	-4.3	-6.4	-6.0	-4.6	-2.6	-0.3
	254.	230.	217.	215	190	188.	180	160.	140.	120.	110.	100.	95.
511	+4.2	+4.2	+4.5	+1.7	-0.6	-2.3	-2.6	-4.8	-6.3	-5.8	-4.6	-2.5	-0.9
	253.	230.	214.	210.	200.	190.	180.	160.	140.	120.	110.	100	95
512			+3.0	+3.9	+4.7	+1.2	-2.5	-3.4	-4.0	-3.5	-5.3	-5.8	-4.9	-3.3	-1.8
			247.	230.	211.	208	200.	190.	180.	170.	150.	130.	110.	100.	95
Ferry Xing:	R.W.														
	-1.1	-2.1	-1.8	+0.9	+6.4	+9.2									
	300	320.	342.	360.	400.	450.									
513		-1.1	-1.3	-2.0	-2.0	-1.5	-2.9	-3.0	-3.1	-3.2	-4.3	-5.4	-5.6	-5.8	-5.2	-2.6	-0.3
		280	260	240.	220.	210.	200	190.	180.	170.	160.	150.	130.	120.	110.	100.	95
514				-0.5	+1.8	-1.7	-2.3	-3.0	-3.8	-5.3	-6.3	-6.0	-4.7	-2.3	+0.6
				255.	210.	207.	200.	190.	180.	160.	140.	120.	110.	100	95
515			+0.5	+2.2	-3.2	-5.2	-5.7	-5.6	-6.9	-6.7	-5.6	-4.6	-3.1	-1.8	+0.7
			260.	214.	210.	200.	190	180.	160.	140.	120.	110.	100.	95.	90.
516	0.0	+3.4	+3.6	+1.6	+1.9	-2.7	-3.3	-5.3	-6.3	-7.3	-6.3	-5.9	-3.8	-2.9	-0.8
	246.	230.	215.	214.	208.	206.	200.	190.	180.	160	140.	120.	100	95.	90.
517		+3.0	+3.1	+3.4	-1.3	-2.0	-3.5	-5.5	-6.6	-6.7	-6.2	-4.5	-3.8	-3.2
		246.	240.	207.	206	200.	190.	180.	160.	140.	120.	100.	95.	90
518	0.0	+2.2	+2.2	-3.3	-4.5	-5.5	-5.2	-6.6	-7.0	-5.6	-4.2	-3.5	-2.1
	250.	230.	215	210.	200.	190.	180.	160.	140.	120.	100.	95.	90.
519	-0.7	0.0	+0.6	+0.7	+1.2	-5.4	-6.0	-6.2	-6.5	-6.5	-6.5	-5.2	-4.3	-2.8
	245.	240.	230.	220.	210.	200	190.	180.	160.	140.	120.	100.	95.	90.
520		+1.6	+1.9	+2.2	0.0	-4.4	-5.6	-5.3	-6.7	-7.2	-7.3	-5.1	-4.1	-1.9
		245.	240.	211.	210.	200.	190.	180.	160.	140.	120.	100.	90.	85.
521		+1.3	+1.6	+2.0	+0.2	-2.0	-5.3	-5.8	-6.7	-7.2	-6.7	-5.1	-3.8	-1.6	0.0
		245.	240.	210.	210.	200.	190.	180.	160.	140.	120.	100.	90	85	80.

Opposite Sta:

District #744

Orig. Soundings in Dredger Cut on Left

The Cross-section Notes of Embankment from "E" 504+00 to "E" 616+40, pages 38 to 55, are given as depths below profile grade. The Cross-section notes of Borrow Pit from "E" 504+00 to "E" 618+00, page 67 to 57, are given as elevations above or below Sacramento Southern Railroad Datum, and are extensions of the cross-sections notes of the embankment at corresponding stations.

H.V.M.

See page 38 of this book

504.	+1.5	+2.0	+2.4	+0	+2.3	5.2	-6.1	-5.9	-5.5	-5.7	-6.0	-5.3	-4.0	-3.4	-1.6
	230	210.	197.	196	190.	180.	170.	160.	150.	110.	90.	80.	70.	65	60.
505	+2.3	+2.3	+2.2	+0.2	-4.9	-6.3	-7.3	-7.6	-7.1	-6.1	-5.4	-4.4	-3.3	-0.8
	249	230.	213.	212	200.	190	180.	160.	140.	120.	100.	95.	90.	85.
506	+4.6	+4.7	+4.5	+1.2	-1.0	-4.6	-5.3	-6.2	-7.1	-7.1	-5.7	-4.5	-2.9
	251.	230.	216.	214.	210.	200.	190.	170.	150.	130.	110.	100.	95.
507	+5.0	+5.0	+4.9	+1.2	-1.3	-4.9	-5.9	-6.1	-6.2	-6.5	-6.2	-5.0	-4.1	-3.6
	260.	230.	218.	215	210.	200.	190.	180.	160.	140.	120.	100.	95.	90
508	+5.0	+5.0	+5.2	-1.3	-4.3	-5.3	-5.9	-6.7	-8.0	-6.9	-5.6	-4.1	-2.4	-1.3
	254	230.	214.	210.	200.	190	180	170.	150.	130.	110.	100	95.	90
509.	+5.2	+5.2	+5.1	+3.7	0.0	-2.7	-4.2	-5.2	-6.2	-6.7	-5.8	-4.9	-3.2	-2.3
	232.	220.	217.	216.	210.	200.	190.	180.	160.	140.	120.	110.	100.	95